HIKVISION

Access Control and Video Intercom Product

Device Command

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Command Type	Function Type	Command Name	Command Function	Format	More Information	Usage Example (Optional)	Remark
General	System Maintenance	helpm	Get help information of the device custom commands.	helpm	N/A	# helpm !!!!!!!!!!!!!!!!!!!!vip commands usage: getIp :get the device's ip setIp :set the device's ip e.g:setIp 192.168.1.10:255.255.255.0 getGateway :get the device's gateway setGateway :set the device's gateway e.g:setGateway 192.168.1.254 getRtc :get time setRtc :set time e.g:setRtc 2009-4-15:15-30-00 ==========mng list Info========== helpm :printf the command usage list shellMngListPrint :print shell manage list info ==========soft version========== version :print soft version ==========out put ctrl========== outputOpen :Open out put outputClose :Close out put errputOpen :Open err put errputClose :Close err put	
						# shellMngListPrint shell cmd: cmdName: audio_test cmdName: helpm cmdName: showGuardInfo cmdName: showGuardlog cmdName: showReaderStatus cmdName: showEventInfo cmdName: systemInfo cmdName: event_all_offline cmdName: t1 cmdName: test_sqlite3 cmdName: t0 cmdName: shellMngListPrint cmdName: getIp cmdName: setIp cmdName: getGateway cmdName: setGateway cmdName: getRtc cmdName: setRtc cmdName: version cmdName: show_server	

General	System Maintenance	shellMngListPrint	Print shell list that supported by the device.	shellMngListPrint	N/A	cmdName: show_stream cmdName: setEzvizDebug cmdName: wifiOpen cmdName: wifiClose cmdName: wifiScan cmdName: wifiConnect cmdName: outputOpen cmdName: outputClose cmdName: errputOpen cmdName: errputClose cmdName: wifi cmdName: dspaoOff cmdName: dspaoOn cmdName: systemBootTime cmdName: closeSshd cmdName: openSshd cmdName: psamTest cmdName: setDbgCtrl cmdName: debug_info_on cmdName: debug_info_off cmdName: enrollbyscan cmdName: delmb cmdName: fpimbnum cmdName: fpiversion cmdName: fpiupgrade cmdName: ehomeNetTypeGet cmdName: showTableInfo cmdName: printUserNo cmdName: ehomeTrace cmdName: verifyFaceSet cmdName: faceCameraRegister cmdName: faceJpegRegisterDebug cmdName: FLDset cmdName: saveFacePic cmdName: faceverify1to1ModelDebug cmdName: faceverify1to1BmpDebug cmdName: faceDelByTypeDebug cmdName: debug_gui_print cmdName: debug_gui_send cmdName: RecordTp cmdName: usb_pic_import cmdName: usb_pic_export cmdName: setLightValue cmdName: setIRLightValue cmdName: getBothIRLightValue cmdName: usbupgrade cmdName: getUpgradeVerCheck cmdName: setUpgradeVerCheckOpen cmdName: setUpgradeVerCheckClose cmdName: exportloginfo cmdName: sendcpucard	

						cmdName: tmpPrintOn cmdName: lpcdOn cmdName: setRs485DebugLevel cmdName: faceHeightset cmdName: faceWidthExtset cmdName: faceFacePosX1set cmdName: faceFacePosY1set cmdName: faceFacePosX2set cmdName: faceFacePosY2set cmdName: faceEyeDisset cmdName: facePitchset cmdName: faceVerifyPicGet cmdName: faceDebugInfoCtl cmdName: faceYawset cmdName: faceJpgScale cmdName: faceBmpToJpg cmdName: getFaceWhiteBlkNum cmdName: getworkstate cmdName: getISPparam cmdName: setfuncstate cmdName: pic_1V1_test cmdName: pic_1VN_test cmdName: usb_acsLinkCap_export cmdName: usb_userData_export cmdName: usb_userData_import cmdName: fsyncFaceLog cmdName: ezviz_alarm_call_app cmdName: ezviz_alarm_hangup_app cmdName: call_room cmdName: playAudio cmdName: infraredLight cmdName: showEhomeRegisterpara cmdName: showGprsAtPrint cmdName: showMcuCommuPrint cmdName: showCloudInfo cmdName: setReaderMode cmdName: verifytest cmdName: fpiTest cmdName: dspTest cmdName: creatEvent cmdName: model_build_NT_test_open cmdName: model_build_NT_test_close cmdName: getHardInfo	
General	View Status	showCallLogicSession	View current communication status.	showCallLogicSession	N/A	# showCallLogicSession	
General	View Status	prtRegist	Print SIP registration information that saved in the database.	prtRegist	N/A	# prtRegist [07-11 18:55:01][OTHER][ERROR][database/db_user_info_shell.c 3021]Search Regist Info Begin [07-11 18:55:01][OTHER][ERROR][database/db_user_info_shell.c 3036]Search Regist Info End	
General	View Status	free	View memory status of running device.	free	N/A	# free total used free shared buffers cached Mem: 496280 404564 91716 63200 86936 180460 -/+ buffers/cache: 137168 359112 Swap: 0 0 0	

General	View Status	lsmod	View modules and their details that have been loaded into the system.	lsmod	N/A	# lsmod hi_mipi 44774 0 - Live 0xbf72c000 (O) hi_acodec 6968 0 - Live 0xbf727000 (PO) hi3519v101_adec 6085 0 - Live 0xbf722000 (PO) hi3519v101_aenc 48267 0 - Live 0xbf712000 (PO) hi3519v101_ao 201337 0 - Live 0xbf6da000 (PO) hi3519v101_ai 207220 1 hi3519v101_aenc, Live 0xbf6a0000 (PO) hi3519v101_aio 27446 1 hi_acodec, Live 0xbf694000 (PO) hi_piris 2744 0 - Live 0xbf690000 (O) hi_pwm 2467 0 - Live 0xbf68c000 (O) hi3519v101_ive 216542 0 - Live 0xbf64b000 (PO) hi3519v101_jpege 47005 0 - Live 0xbf639000 (PO) hi3519v101_h265e 185112 0 - Live 0xbf602000 (PO) hi3519v101_h264e 161042 0 - Live 0xbf5d0000 (PO) hi3519v101_vedu 12337 0 - Live 0xbf5c8000 (PO) hi3519v101_chnl 35229 0 - Live 0xbf5ba000 (PO) hi3519v101_venc 551977 3 hi3519v101_jpege,hi3519v101_h265e,hi3519v101_h264e, Live 0xbf526000 (PO) hi3519v101_rc 96907 0 - Live 0xbf507000 (PO) hifb 79444 1 - Live 0xbf4eb000 (O) hi3519v101_vou 169442 0 - Live 0xbf4b3000 (PO) hi_user 686 1 hi3519v101_vou, Live 0xbf4af000 (O) hi3519v101_vpss 505258 0 - Live 0xbf41d000 (PO) hi3519v101_viu 420454 1 hi3519v101_vpss, Live 0xbf39d000 (PO) hi3519v101_isp 204066 0 - Live 0xbf365000 (PO) hi3519v101_vgs 164788 0 - Live 0xbf332000 (PO) hi3519v101_fisheye 122154 0 - Live 0xbf30b000 (PO) hi3519v101_region 76781 0 - Live 0xbf2f1000 (PO) hi3519v101_tde 83052 0 - Live 0xbf2d6000 (PO) hi3519v101_sys 56720 8 hi_mipi,hi_acodec,hi3519v101_aio,hi3519v101_vedu,hi3519v101_venc,hi3519v101_vpss, hi3519v101_viu,hi3519v101_vgs, Live 0xbf2c1000 (PO) hi3519v101_base 47867 25 hi_sensor_i2c,hi3519v101_adec,hi3519v101_aenc,hi3519v101_ao,hi3519v101_ai,hi3519v 101_aio,hi_piris,hi3519v101_ive,hi3519v101_jpege,hi3519v101_h265e,hi3519v101_h264 e,hi3519v101_vedu,hi3519v101_chnl,hi3519v101_venc,hi3519v101_rc,hifb,hi3519v101_v ou,hi3519v101_vpss,hi3519v101_viu,hi3519v101_isp,hi3519v101_vgs,hi3519v101_fishey e,hi3519v101_region,hi3519v101_tde,hi3519v101_sys, Live 0xbf2af000 (PO) hi_osal 57972 139 hi_mipi,hi_acodec,hi3519v101_adec,hi3519v101_aenc,hi3519v101_ao,hi3519v101_ai,hi3 519v101_aio,hi_pwm,hi3519v101_ive,hi3519v101_jpege,hi3519v101_h265e,hi3519v101_ h264e,hi3519v101_vedu,hi3519v101_chnl,hi3519v101_venc,hi3519v101_rc,hifb,hi3519v 101_vou,hi3519v101_vpss,hi3519v101_viu,hi3519v101_isp,hi3519v101_vgs,hi3519v101_ fisheye,hi3519v101_region,hi3519v101_tde,hi3519v101_sys,hi3519v101_base, Live 0xbf292000 (O) DDM 294784 0 - Live 0xbf228000 (PO) PCM 48960 1 DDM, Live 0xbf212000 (PO) OSAL 37622 11 DDM,PCM, Live 0xbf1fe000 (O) vca_encrypt 3981 0 - Live 0xbf1fa000 (O) ilitek_ts 100390 0 - Live 0xbf1d9000 r8168 458069 0 - Live 0xbf162000 8189es 1050062 0 - Live 0xbf02e000 option 35735 0 - Live 0xbf015000 usb_wwan 5262 1 option, Live 0xbf00f000 hik_sensor 8430 1 hi_sensor_i2c, Live 0xbf008000 hik_temp 1554 0 - Live 0xbf004000 digicapkeyArm 2009 0 - Live 0xbf000000 (O)	

General	View Status	ps	View the process information running in the device.	ps	N/A	# ps PID USER VSZ STAT COMMAND 1 root 1360 S init 2 root 0 SW [kthreadd] 3 root 0 SW [ksoftirqd/0] 5 root 0 SW< [kworker/0:0H] 7 root 0 SW [rcu_sched] 8 root 0 SW [rcu_bh] 9 root 0 SW [migration/0] 10 root 0 SW [migration/1] 11 root 0 SW [ksoftirqd/1] 13 root 0 SW< [kworker/1:0H] 14 root 0 SW< [khelper] 15 root 0 SW [kdevtmpfs] 16 root 0 SW< [netns] 17 root 0 SW< [writeback] 18 root 0 SW< [crypto] 19 root 0 SW< [bioset] 20 root 0 SW< [kblockd] 21 root 0 SW [spi1] 22 root 0 SW< [cfg80211] 24 root 0 SW< [rpciod] 25 root 0 SW [kswapd0] 26 root 0 SW [fsnotify_mark] 27 root 0 SW< [nfsiod] 35 root 0 SW [kworker/u4:1] 38 root 0 SW< [kpsmoused] 43 root 0 SW [cfinteractive] 45 root 0 SW< [ipv6_addrconf] 46 root 0 SW< [deferwq] 47 root 0 SW [kworker/u4:2] 50 root 0 SW [mmcqd/0] 51 root 0 SW [mmcqd/0boot0] 52 root 0 SW [mmcqd/0boot1] 53 root 0 SW [kworker/0:1] 64 root 956 S< /sbin/udevd -d 68 root 0 SW [jbd2/mmcblk0p5-] 69 root 0 SW< [ext4-rsv-conver] 229 root 0 SW [ksdioirqd/mmc1] 230 root 0 SW [ilitek_irq_thre] 270 root 0 SW< [aec_monitor] 634 root 1102m S /home/app/hicore 729 root 0 SW [kworker/0:2] 748 root 5124 S sipServer 905 root 0 SW [kworker/1:1] 942 root 0 SW [kworker/1:0] 949 root 1364 S -/bin/sh 952 root 0 SW [kworker/1:2] 954 root 1360 R ps	
General	View Status	netstat	View network status.	netstat [-a|-u|-t]	-a represents displaying all network status. -u represents displaying the UDP port status. -t represents displaying the TCP port status.	#netstat USAGE: 'netstat -a' Display all network status. 'netstat -u' Display the UDP port status. 'netstat -t' Display the TCP port status. #	

General	View Status	arp	View current content in the ARP cache in a device or another computer.	arp	N/A	# arp	
General	View Status	cat /proc/interrupts	View hardware interrupt and loading interrupt of peripheral driver.	cat /proc/interrupts	N/A	# cat /proc/interrupts CPU0 CPU1 29: 23838 17949 GIC 29 arch_timer 30: 0 0 GIC 30 arch_timer 32: 0 0 GIC 32 PCM_wdt 36: 12984 0 GIC 36 uart-pl011 42: 0 0 GIC 42 pl022 45: 21691 0 GIC 45 himci 48: 0 0 GIC 48 PCM_adc 51: 1897 0 GIC 51 ehci_hcd:usb3 52: 1 0 GIC 52 ohci_hcd:usb4 54: 0 0 GIC 54 xhci-hcd:usb1 56: 29548 0 GIC 56 himci 57: 0 0 GIC 57 10050000.ethernet 59: 13470 0 GIC 59 VOU Interrupt 60: 0 0 GIC 60 mipi0_int 61: 0 0 GIC 61 mipi1_int 62: 25042 0 GIC 62 ISP, VIU 63: 24915 0 GIC 63 ISP, VIU 64: 21897 0 GIC 64 VPSS0 66: 653 0 GIC 66 tde_osr_isr 67: 19005 0 GIC 67 VGS0 68: 10611 0 GIC 68 AIO Interrupt 69: 8009 0 GIC 69 VEDU_0 70: 30 0 GIC 70 JPEGU_0 71: 3101 0 GIC 71 IVE 75: 2 0 GIC 75 12140000.gpio_chip, 12141000.gpio_chip, 12142000.gpio_chip, 12143000.gpio_chip, 12144000.gpio_chip, 12145000.gpio_chip, 12146000.gpio_chip, 12147000.gpio_chip 76: 0 0 GIC 76 12148000.gpio_chip, 12149000.gpio_chip, 1214a000.gpio_chip, 1214b000.gpio_chip, 1214c000.gpio_chip, 1214d000.gpio_chip, 1214e000.gpio_chip, 12150000.gpio_chip 80: 0 0 GIC 80 FISHEYE 96: 0 7285 GIC 96 timer 100: 0 0 GIC 100 rs485_timer4 101: 0 0 GIC 101 rs485_timer5 129: 0 0 pl061 1 ilitek_i2c_irq 140: 1 0 pl061 4 FPGA(1_4) 180: 1 0 pl061 4 tamper0(6_4) IPI0: 0 0 CPU wakeup interrupts IPI1: 0 0 Timer broadcast interrupts IPI2: 4350 38343 Rescheduling interrupts IPI3: 0 0 Function call interrupts IPI4: 4 1 Single function call interrupts IPI5: 0 0 CPU stop interrupts IPI6: 0 0 IRQ work interrupts IPI7: 0 0 completion interrupts IPI8: 0 0 CPU backtrace Err: 0	
Test	System Maintenance	active	Activate device.	active	N/A	# active	
Test	System Maintenance	enableWatchdog	Open Watchdog.	enableWatchdog	N/A	# enableWatchdog enable soft watchdog success.	

Test	System Maintenance	disableWatchdog	Close Watchdog.	disableWatchdog	N/A	# disableWatchdog disable soft watchdog success.	
Test	System Maintenance	hik_echo c > /proc/OSAL/wdt	Disable Watchdog	hik_echo c > /proc/OSAL/wdt	N/A	# hik_echo c > /proc/OSAL/wdt close wdt	
General	System Maintenance	download	Download files from computer to device.	download {local_add remote_add}	local_add: remote_add: Computer’ s Address	# download C:/savetest.raw tftp://10.15.1.136/savetest.raw	
Test	System Maintenance	download	Export attendance data.	download	N/A	# download Import attendance data from device to USB flash drive.	
General	System Maintenance	exportloginfo	Export events.	exportloginfo	N/A	# exportloginfo check_usb_disk_exist:/dev/msc1 exist! devPath = /mnt [2019-06-18 11:34:31][INFO][USB]|get_mount_disk_size|3089|total = 15159263232, 14803968 KB, 14457 MB, 14 GB [2019-06-18 11:34:31][INFO][USB]|get_mount_disk_size|3090|free = 14570340352, 14228848 KB, 13895 MB, 13 GB s_dirInfo.dir_size = 20667 s_dirInfo.cur_size = 300 s_dirInfo.cur_size = 600 s_dirInfo.cur_size = 900 s_dirInfo.cur_size = 1200 s_dirInfo.cur_size = 1500 s_dirInfo.cur_size = 1800 s_dirInfo.cur_size = 2100 s_dirInfo.cur_size = 2400 s_dirInfo.cur_size = 2700 s_dirInfo.cur_size = 3000 s_dirInfo.cur_size = 3300 s_dirInfo.cur_size = 3600 s_dirInfo.cur_size = 3900 s_dirInfo.cur_size = 4200 s_dirInfo.cur_size = 4500 s_dirInfo.cur_size = 4800 s_dirInfo.cur_size = 5100 s_dirInfo.cur_size = 5400 s_dirInfo.cur_size = 5700 s_dirInfo.cur_size = 6000 s_dirInfo.cur_size = 6300 s_dirInfo.cur_size = 6600 s_dirInfo.cur_size = 6900 s_dirInfo.cur_size = 7200 s_dirInfo.cur_size = 7500 s_dirInfo.cur_size = 7800 s_dirInfo.cur_size = 8100 s_dirInfo.cur_size = 8400	
General	System Maintenance	fsyncFaceLog	Write cache logs into flash.	fsyncFaceLog	N/A	# fsyncFaceLog	
Test	System Maintenance	getBattery	Get battery power information.	getBattery	N/A	# getBattery [CRIT][mainCtrl/Peripheral/battery.c #1882]: volt = 4.10V	
Test	System Maintenance	getBatterystatus	Get the status of charge and discharge of the battery.	getBatterystatus	N/A	# getBatterystatus POWER_SUPPLY_STATUS_FULL	
General	System Maintenance	getBlueToothInfo	Get Bluetooth version information.	getBothIRLightValue	N/A	# getBlueToothInfo	

Test	System Maintenance	getEraseInfo	Get the Flash erasing and writing information.	getEraseInfo	N/A	# getEraseInfo hjptestfor:recv:getEraseInfo ====================erase and write info==================== block num erase times write times total times 0 0 0 0 1 0 0 0 2 0 0 0 3 0 0 0 4 0 0 0	
General	System Maintenance	getExtInfo	Get extension module's information (software version, model information, etc.).	getExtInfo	N/A	# getExtInfo EXTEND MODULE SW V1.2.0 Build2019.05.05	
General	System Maintenance	getGateway	Get the Gateway information.	getGateway	N/A	# getGateway device gateway is 10.7.113.254	
General	System Maintenance	getData	Get the message number of the indoor station.	getData {xxxx}	Parameter xxxx is the information obtained: [root@dvrdvs /] # getData xxx <serial/shellCmd/toolserver.c,3368>Please enter the following correct parameters: <bulletinnum,voicemsgnum,alarmlognum,capturelognum,allcallnum,uncallnum> bulletinnum: Number of Unread Announcements voicemsgnum: Number of Unread Messages alarmlognum: Number of Unread Alarm Messages capturelognum: number of Screenshot Records allcallnum: Get the Number of all Call Records uncallnum: Get the Number of All Missed Calls	# getData bulletinnum <serial/shellCmd/toolserver.c, 3339>Unread Notices:0 # getData voicemsgnum <serial/shellCmd/toolserver.c, 3344>Unread Messages:0 # getData alarmlognum <serial/shellCmd/toolserver.c, 3349>Unread Alarm Logs:30 # getData capturelognum <serial/shellCmd/toolserver.c, 3354>Capture Logs:5 # getData allcallnum <serial/shellCmd/toolserver.c, 3359>All Call Logs:2 # getData uncallnum <serial/shellCmd/toolserver.c, 3364>Missed Call Logs:0	
General	System Maintenance	getIndoorPara	Get the indoor station's parameters, including type, room No., etc.	getIndoorPara	N/A	# getIndoorPara hjptestfor:recv:getIndoorPara hjptestfor:write:before COMMAND_START { "COMMAND": "START", "CMDNAME": "getIndoorPara", "IndoorType": "", "RoomNo": 703, "MaxMonitorTime": 30, "return": "True", "COMMAND": "END" } COMMAND_END hjptestfor:write:after	
General	System Maintenance	getRtc	Get RTC time.	getRtc	N/A	# getRtc getrtc :1560802627 getrtc :Mon Jun 17 20:17:07 2019	
General	System Maintenance	setRtc	Set RTC time.	setRtc {year-month-day:hour-minute-se	N/A	# setRtc 2019-06-17:20-18-50 write_rtc: 2019-6-17 20:18:50 0 167 1(1560802730) setrtc: setrtc: 1560802730 set Rtc OK!	

General	System Maintenance	getSpeakerStatus	Get speaker enabled status.	getSpeakerStatus	N/A	# getSpeakerStatus LocalVoice: 0 SDKVoice: 0 RtspVoice: 0 speaker: 0 #	
General	System Maintenance	getSvnInfo	Get the SVN version information of the program.	getSvnInfo	N/A	# getSvnInfo Working Copy Path: /usr/local/jenkins/workspace/AVI-VIS-Branch-Package/PJ01PD20181101021_v1.4.26 URL: https://192.0.0.183/IBP/VIS/VIS_ARM/Product/Indoor/Linux/branches/Project/PJ01PD20181101021_v1.4.26/APPS Last Change Rev: 128440 Last Change Date: 2018-11-15 16:06:00 +0800 (鍥 2018-11-15) Program Provide: ci program Build Time: 2018-11-15 17:40:50 #	
General	System Maintenance	getUpgradeVerCheck	Get the enable status of the version verification when upgrading.	getUpgradeVerCheck	N/A	# getUpgradeVerCheck UpgradeVerCheck: open	
General	System Maintenance	systemBootTime	System time of printing system.	systemBootTime	N/A	# systemBootTime [2019-06-17 20:36:52][INFO][SHELL]|printBootTime|3007|info.uptime: 2624 [2019-06-17 20:36:52][INFO][SHELL]|printBootTime|3008|cur_time: 1560803812 [2019-06-17 20:36:52][INFO][SHELL]|printBootTime|3012|system_boot_time: 2019-6-17 19:53:8	
General	System Maintenance	systemInfo	Display system information, including device model, software version, and SVN version.	systemInfo	N/A	# systemInfo [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|618|############################## [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|620|BuildDate: build 190617 [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|622|SoftVersion: V1.0.0 [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|624|DevTypeName: DS-K1T931Wtest [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|626|productNo: 930353330 [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|627|SVN_VERISION: 163745 [2019-06-17 19:15:13][INFO][SYSLIB]|sysInfoShow|628|############################## [2019-06-17 19:15:13][INFO][SHELL]|printBootTime|3007|info.uptime: 27434 [2019-06-17 19:15:13][INFO][SHELL]|printBootTime|3008|cur_time: 1560798913 [2019-06-17 19:15:13][INFO][SHELL]|printBootTime|3012|system_boot_time: 2019-6-17 11:37:59 [2019-06-17 19:15:13][INFO][SHELL]|systemInfo|3046|app_build_time: Jun 17 2019-11:19:11 [2019-06-17 19:15:13][INFO][SHELL]|systemInfo|3047|dev_flash_volume: total:3289M,avail:3241M. [2019-06-17 19:15:13][INFO][SHELL]|systemInfo|3051|algo version(0): 4.3 [2019-06-17 19:15:13][INFO][SHELL]|systemInfo|3052|algo build: 190615	
General	System Maintenance	setUpgradeVerCheckClose	Disable the version verification function when upgrading.	setUpgradeVerCheckClose	N/A	# setUpgradeVerCheckClose	

General	System Maintenance	setUpgradeVerCheckOpen	Enable the version verification function when upgrading.	setUpgradeVerCheckOpen	N/A	# setUpgradeVerCheckOpen	
General	System Maintenance	pthreadInfo	Print thread name and thread No.	pthreadInfo	N/A	# pthreadInfo No. tid pid pname 1 1077429440 767 taskWatchDogStart 2 1154446528 785 dspOsdRefresh 3 1154147520 784 dspOsdColor 4 1087423680 778 TskAudTalkBack 5 1135649984 783 TskProcStream 6 1134580928 780 TskDecDlStr 7 1079956672 775 TskAudioDisplay 8 1163125952 811 taskDelOverTimeVideo 9 1162527936 810 taskRecordSchedule 10 1161536704 809 taskHdCtrl 11 1159025856 807 taskUsrSecurity 12 1159701696 812 TaskStreamRecord-01 video 13 1159963840 815 taskIpcRepeatConnect 14 1074652352 814 ipcm_alarm_server_svc 15 1160578240 813 taskDvrLog 16 1160840384 816 taskAdjustTime 17 1161168064 817 taskAlarmInCtrl 18 1161798848 818 task_sipClient_UAS 19 1162208448 819 taskSqliteOp 20 1164829888 820 taskIpDAD 21 1166574784 821 taskDvrNetServer 22 1166857408 822 taskVisNetServ 23 1168483520 823 taskStartSntpClient 24 1162790080 825 task_sipClient_PasswdProc 25 1168745664 827 task_sipClient_SipSessionCtrl 26 1178625216 828 task_sipClient_HeartBeat 27 1179399360 829 GUI_menu_task 28 1184474304 11481 taskAlarmUp 29 1201431744 894 talkBackDevInputTask 30 1193551040 841 wifi_ctrl_task 31 1134318784 779 TskMVProc 32 1196451008 847 taskWatchdog 33 1194165440 845 taskCmd_server 34 1182635200 844 TF_AudioPicProcTask 35 1183802560 843 multicast_thr_sadp_capture763 36 1180882112 842 thr_sadp_capture763 37 1181586624 849 RtspS_task_Listener:_ 38 1203975360 898 dataRecvServerTask 39 1201751232 895 sdkUploadTask 40 1202640064 896 talkBackIoOutEventTask 41 1200645312 893 talkBackVideoProcess 42 1073800384 953 GUI_Desktop_task 43 1167119552 826 task_sipClient_RegistCtrl 44 1217025216 954 GUI_TimerEntry_task 45 1225733312 955 GUI_EventLoop_task 46 1235137728 957 GUI_IME_task 47 1179661504 956 gui_async_visnet_task 48 1193813184 24148 taskProcessClientRequest	
Test	System Maintenance	printPart	Print section index information.	printPart	N/A	# printPart #	

General	System Maintenance	reboot	Reboot device.	reboot [-d delay] [-f]	delay represents delayed time (s). -f represents forced rebooting.	#reboot USAGE: 'reboot' Reboot device by using the default method 'reboot -f' Forced reboot 'reboot -n 10' Reboot device after 10 s #	
General	System Maintenance	rebootDev	Reboot device.	rebootDev	None	# rebootDev	

General	System Maintenance	resetPasswd	Restore default parameters.	resetPasswd {xx}	Parameter xx
					When the input is empty, the system returns OK, indicating that the serial port obtains the serial number and the date successfully, and the default parameters are not restored at this time.
					When the input is not empty, the system returns OK, indicating that the default password is restored successfully. ERROR means that restoring the default password is failed.
						# resetPasswd
						usrId=0,reset password.
						Device Serial No.: 0120160113CH569839756CLU
						Current Date: 20190624
						# resetPasswd hik12345
						usrId=0,reset password.
						Invalid security code.	

General	System Maintenance	version	Get software version information.	version	N/A	# version soft version:V1.0.0, build time:Jun 17 2019(11:19:11)	
General	System Maintenance	usb_acsLinkCap_export	Export linkage capture images from the USB flash drive.	usb_acsLinkCap_export	N/A	# usb_acsLinkCap_export check_usb_disk_exist:/dev/msc1 exist! [mainCtrl/rs485/Agency/Bus607Rs485.cpp #87]: select timeout Get_Dir_Size 3068 20284 858103593 devPath = /mnt [2019-06-18 12:08:07][INFO][USB]|get_mount_disk_size|3089|total = 15159263232, 14803968 KB, 14457 MB, 14 GB [2019-06-18 12:08:07][INFO][USB]|get_mount_disk_size|3090|free = 13592444928, 13273872 KB, 12962 MB, 12 GB [2019-06-18 12:08:07][INFO][USB]|usb_export_acsLinkCap|4411|s_dirInfo.dir_size = 0 [2019-06-18 12:08:07][INFO][USB]|usb_export_acsLinkCap|4423|/mnt/acsLinkCap exist delete first [2019-06-18 12:08:07][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [2019-06-18 12:08:07][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [2019-06-18 12:08:08][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [2019-06-18 12:08:08][INFO][USB]|usb_export_acsLinkCap|4426| delete /mnt/acsLinkCap success	

General	System Maintenance	usb_pic_export	Export images from the USB flash drive.	usb_pic_export	N/A	# usb_pic_export check_usb_disk_exist:/dev/msc1 exist! mode = 0 [CRIT][storage/picStore/picMng.c #4561]: /mnt/export_pic exist delete first [CRIT][storage/picStore/picMng.c #4564]: delete /mnt/export_pic success [2019-06-18 11:31:14][INFO][USB]|usb_export_enroll_pic|4572| delete /mnt/export_pic success Get_Dir_Size 3068 1 14085 Get_Dir_Size 3068 1 14085 Get_Dir_Size 3068 1 14085 Get_Dir_Size 3068 1 14085 Get_Dir_Size 3068 1 14085 [2019-06-18 11:31:14][INFO][USB]|usb_export_enroll_pic|4591|pic_size = 0,dir_fileNum = 14085 devPath = /mnt [mainCtrl/rs485/Agency/Bus607Rs485.cpp #87]: select timeout [2019-06-18 11:31:15][INFO][USB]|get_mount_disk_size|3089|total = 15159263232, 14803968 KB, 14457 MB, 14 GB [2019-06-18 11:31:15][INFO][USB]|get_mount_disk_size|3090|free = 14571593728, 14230072 KB, 13896 MB, 13 GB [2019-06-18 11:31:15][INFO][USB]|usb_export_enroll_pic|4613|pic_size = 0,dir_fileNum = 14085 [CRIT][storage/picStore/picMng.c #1666]: source_num =0,dst_num=0 [CRIT][storage/picStore/picMng.c #1686]: /mnt/export_pic exist delete first [CRIT][storage/picStore/picMng.c #1689]: delete /mnt/export_pic success [CRIT][storage/picStore/picMng.c #1728]: open dest dir succee /mnt/export_pic @@@get_pic_name 1421 db_get_face_info_by_faceid SUCC, DbFaceInfoTmp.sUserNo 1 [CRIT][storage/picStore/picMng.c #1658]: all pic cpy over filename:/mnt/iofile.csv [CRIT][storage/picStore/picMng.c #1576]: create pic_io_info succee [CRIT][storage/picStore/picMng.c #1585]: 1 write pic_io_info succee [CRIT][storage/picStore/picMng.c #1613]: lineBuf:1,1 export pic succee	

General	System Maintenance	usb_pic_import	Import image into the USB flash drive.	usb_pic_import	N/A	# usb_pic_import check_usb_disk_exist:/dev/msc1 exist! [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/enroll_pic, 2, No such file or directory Get_Dir_Num of /mnt/export_pic is 1 Get_Dir_Num of s_dirInfo is 1 [CRIT][storage/picStore/picMng.c #2103]: open source dir succee /mnt/export_pic [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic1, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic2, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic3, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic4, 2, No such file or directory card_No:1,sUserNo:1 [DSP] INFO|jdec_drv.c|Jdec_drvParse|573: the picture is jpg! [DSP] INFO|jdec_drv.c|Jdec_drvJpgProc|651: jpg hard is not init! jpg hard decode time is 16 us [DSP] INFO|jdec_drv.c|Jdec_drvSoftJpgProc|424: jpg soft decode ok! **face_id_used_clear white wFaceId:1 [2019-06-18 11:32:03][INFO][FACEDATA]|FR_Del_By_userNo_with_facelib|814|del face info UsrNo: 1 [2019-06-18 11:32:03][INFO][anymouse]|FR_Enroll_By_FACE_INFO|525|#enroll by faceInfo,face_get_unused_id dwRet:0,faceId:1 [2019-06-18 11:32:03][ERROR][anymouse]|clean_up_attack_user|544|get face handle error! /home/config/pic/enrlFace/0/0000000001.jpg,1 [CRIT][storage/picStore/picMng.c #208]: Img wtite, writBytes 14085, bytesUsed 14085 [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic1, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|cpy_path_enpic_in|2091|/mnt/export_pic1,is not exist [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic2, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|cpy_path_enpic_in|2091|/mnt/export_pic2,is not exist [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic3, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|cpy_path_enpic_in|2091|/mnt/export_pic3,is not exist [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic4, 2, No such file or directory [2019-06-18 11:32:03][INFO][USB]|cpy_path_enpic_in|2091|/mnt/export_pic4,is not exist [2019-06-18 11:32:03][INFO][USB]|is_dir_exist|3018|/mnt/export_pic4, 2, No such file or directory filename:/mnt/iofile.csv [CRIT][storage/picStore/picMng.c #1576]: create pic_io_info succee [CRIT][storage/picStore/picMng.c #1585]: 1 write pic_io_info succee [CRIT][storage/picStore/picMng.c #1613]: lineBuf:1,1 import pic succee	

General	System Maintenance	usb_userData_export	Export the user data from the USB flash drive.	usb_userData_export	N/A	# usb_userData_export check_usb_disk_exist:/dev/msc1 exist! param_cfg_get_identy_mode mode =0 Get_Dir_Size 3068 2 38751 devPath = /mnt Feed dog is working properly. [mainCtrl/rs485/Agency/Bus607Rs485.cpp #87]: select timeout [CRIT][storage/picStore/picMng.c #4189]: /home/config/pic/enrlFace,s_dirInfo.dir_size = 38751 [CRIT][storage/picStore/picMng.c #4190]: /mnt,ll_disk_total = 15159263232,ll_disk_free = 13609574400 [2019-06-18 13:42:02][INFO][USB]|get_mount_disk_size|3089|total = 15159263232, 14803968 KB, 14457 MB, 14 GB [2019-06-18 13:42:02][INFO][USB]|get_mount_disk_size|3090|free = 13609574400, 13290600 KB, 12979 MB, 12 GB [CRIT][storage/picStore/picMng.c #4120]: /mnt/enrlFace exist delete first [2019-06-18 13:42:02][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [2019-06-18 13:42:02][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [2019-06-18 13:42:02][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [2019-06-18 13:42:02][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [CRIT][storage/picStore/picMng.c #4123]: delete /mnt/enrlFace success [2019-06-18 13:42:02][INFO][USB]|unlink_file|236|unlink file failed, errno: 21(Is a directory) [CRIT][storage/picStore/picMng.c #4131]: delete /mnt/enrlFace success [CRIT][storage/picStore/picMng.c #4305]: not finger device,no need copy finger.db [CRIT][storage/picStore/picMng.c #3120]: open src file succee /home/config/local.db [CRIT][storage/picStore/picMng.c #3125]: /mnt/local.db exist delete first [CRIT][storage/picStore/picMng.c #3128]: delete /mnt/local.db success [CRIT][storage/picStore/picMng.c #3148]: open dst file succee /mnt/local.db [CRIT][storage/picStore/picMng.c #3172]: write dst file succee /mnt/local.db, filesize:352256 [CRIT][storage/picStore/picMng.c #4312]: cpy_sourcefile_into_dstfile success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /home/config/pic/enrlFace/0 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /mnt/enrlFace/0 [CRIT][storage/picStore/picMng.c #4339]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /home/config/pic/enrlFace/1 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /mnt/enrlFace/1 [CRIT][storage/picStore/picMng.c #4339]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /home/config/pic/enrlFace/2 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /mnt/enrlFace/2 [CRIT][storage/picStore/picMng.c #4339]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee	

						/home/config/pic/enrlFace/3 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /mnt/enrlFace/3 [CRIT][storage/picStore/picMng.c #4339]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /home/config/pic/enrlFace/4 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /mnt/enrlFace/4 [CRIT][storage/picStore/picMng.c #4339]: cpy_sourcepath_into_dstpath success usb_export_acsLinkCap success!!!	
						# usb_userData_import check_usb_disk_exist:/dev/msc1 exist! param_cfg_get_identy_mode mode =0 [2019-06-18 13:42:36][ERROR][USB]|get_file_size|1184|get_file_size: /mnt/finger.db no exist [2019-06-18 13:42:36][INFO][USB]|usb_import_userData|3865|/mnt/finger.db is not exist!!! Get_Dir_Size 3068 2 38751 devPath = /home/config [2019-06-18 13:42:36][INFO][USB]|get_mount_disk_size|3089|total = 3449307136,	

General	System Maintenance	usb_userData_import	Import the user data into the USB flash drive.	usb_userData_import	N/A	3368464 KB, 3289 MB, 3 GB [2019-06-18 13:42:36][INFO][USB]|get_mount_disk_size|3090|free = 2477371392, 2419308 KB, 2362 MB, 2 GB [CRIT][storage/picStore/picMng.c #3897]: /mnt/enrlFace, s_dirInfo.dir_size = 391007 [CRIT][storage/picStore/picMng.c #3898]: /home/config ll_disk_total = 3449307136, ll_disk_free =2477371392 db_open /mnt/local.db OK user_version success 0x181212 [2019-06-18 13:42:36][INFO][SQL]|db_get_user_version|336|get the user_version:0x181212 check_local_db_version secuee [2019-06-18 13:42:36][INFO][USB]|is_dir_exist|3018|/mnt/finger.db, 2, No such file or directory [CRIT][storage/picStore/picMng.c #3962]: /home/config/pic/enrlFace/0 exist delete first [CRIT][storage/picStore/picMng.c #3965]: delete /home/config/pic/enrlFace/0 success [CRIT][storage/picStore/picMng.c #3962]: /home/config/pic/enrlFace/1 exist delete first [CRIT][storage/picStore/picMng.c #3965]: delete /home/config/pic/enrlFace/1 success [CRIT][storage/picStore/picMng.c #3962]: /home/config/pic/enrlFace/2 exist delete first [CRIT][storage/picStore/picMng.c #3965]: delete /home/config/pic/enrlFace/2 success [CRIT][storage/picStore/picMng.c #3962]: /home/config/pic/enrlFace/3 exist delete first [CRIT][storage/picStore/picMng.c #3965]: delete /home/config/pic/enrlFace/3 success [CRIT][storage/picStore/picMng.c #3962]: /home/config/pic/enrlFace/4 exist delete first [CRIT][storage/picStore/picMng.c #3965]: delete /home/config/pic/enrlFace/4 success [CRIT][storage/picStore/picMng.c #3120]: open src file succee /mnt/local.db [CRIT][storage/picStore/picMng.c #3125]: /home/config/local.db exist delete first [CRIT][storage/picStore/picMng.c #3128]: delete /home/config/local.db success [CRIT][storage/picStore/picMng.c #3148]: open dst file succee /home/config/local.db [CRIT][storage/picStore/picMng.c #3172]: write dst file succee /home/config/local.db, filesize:352256 [CRIT][storage/picStore/picMng.c #4016]: cpy_sourcefile_into_dstfile success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /mnt/enrlFace/0 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /home/config/pic/enrlFace/0 [CRIT][storage/picStore/picMng.c #4035]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /mnt/enrlFace/1 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /home/config/pic/enrlFace/1 [CRIT][storage/picStore/picMng.c #4035]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /mnt/enrlFace/2 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /home/config/pic/enrlFace/2 [CRIT][storage/picStore/picMng.c #4035]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /mnt/enrlFace/3 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /home/config/pic/enrlFace/3 [CRIT][storage/picStore/picMng.c #4035]: cpy_sourcepath_into_dstpath success [CRIT][storage/picStore/picMng.c #3539]: open source dir succee /mnt/enrlFace/4 [CRIT][storage/picStore/picMng.c #3550]: open dest dir succee /home/config/pic/enrlFace/4 [CRIT][storage/picStore/picMng.c #4035]: cpy_sourcepath_into_dstpath success [mainCtrl/rs485/Agency/Bus607Rs485.cpp #87]: select timeout	

						usb_export_acsLinkCap success!!!	
General	System Maintenance	usbupgrade	Upgrade via USB flash drive: Copy the digicap.dav to the root directory of the USB flash drive and import data via the serial port.	usbupgrade	N/A	# usbupgrade mount success /dev/msc1 fheader_len:64 uheader_len:44 header_len:108 iDigicapLen:83886080 check firmware size failed[size is 83886080]... face_algo_engine_stop---1806 error input stop face ago failed stop call failed upgrade release failed. dwLen:1048576 readbytes:1048684 dwLen:1048576 readbytes:2097260 dwLen:1048576 readbytes:3145836 dwLen:1048576 readbytes:4194412	
General	System Maintenance	upload	Upload file to the PC through tftp.	upload {SRC_URI , DST_URI}	SRC_URI: Source address DST_URI: Target address	# upload B:/info.db tftp://10.7.114.52/info.db	
General	System Maintenance	busybox tftp ip -gl	Download the ftp file to the device.	busybox tftp ip -gl {xxx}	Parameter xxx: File name		
General	System Maintenance	busybox tftp ip -pl	Upload the device file to the ftp server.	busybox tftp ip -pl {xxx}	Parameter xxx: File name		

General	System Maintenance	showNetLinksInfo	Print device network information.	Input showNetLinksInfo	N/A	# showNetLinksInfo ------------------------- Current global Links Max [32] Current[0] RtspServer Sessions Max [6] Current [0] UDP Sessions [0] Preview [0] Playback [0] OverRtsp Sessions [0] Preview [0] Playback [0] Mcast Sessions [0] Preview [0] HIK TCP Sessions [0] Preview [0] RtspServer Playback MaxLinks [1] Current [0] RtspServer PortPool Max [1501] Current [1501] Current global bandwidth Max [60]M Current[0]K Preview [0] PreviewZero [0] Playback [0] ------------------------- #	
General	System Maintenance	showStorRamInfo	Display storage information.	showStorRamInfo	N/A	# showStorRamInfo ram_store support : TRUE show stor ram info: starAddr: 0xb2968008 curLen : 688006, restlen : 1409146 lvMsgList: fileName : 20190621204702195_10010700000_10.7.115.233_0.wav.g711, pAddr : 0xb2974ede, fileLen : 80364 fileName : 20190621204855651_10010700000_10.7.115.233_0.wav.g711, pAddr : 0xb2995fb0, fileLen : 28204 fileName : 20190621205043877_10010700000_10.7.115.233_0.wav.g711, pAddr : 0xb29b880c, fileLen : 245804 snapList: fileName : 20190621204622141_10.7.115.233.jpg, pAddr : 0xb2968008, fileLen : 52950 fileName : 20190621204821874_10.7.115.233.jpg, pAddr : 0xb29888ca, fileLen : 55014 fileName : 20190621204903329_10.7.115.233.jpg, pAddr : 0xb299cddc, fileLen : 56665 fileName : 20190621204943098_10.7.115.233.jpg, pAddr : 0xb29aab35, fileLen : 56535 fileName : 20190624101511975_10.7.115.233.jpg, pAddr : 0xb29f4838, fileLen : 62120 fileName : 20190624153914280_10.7.115.233.jpg, pAddr : 0xb2a03ae0, fileLen : 50350	

General	System Maintenance	showTableInfo	Display library table information.	showTableInfo	N/A	# showTableInfo [TABLE]CREATE TABLE card_info(cardId INTEGER PRIMARY KEY,sCardNo VARCHAR(32) NOT NULL,byCardType INT8 DEFAULT 1,byFirstCardEnable INT8 DEFAULT 0,sUserNo VARCHAR(32) NOT NULL). [TABLE]CREATE TABLE finger_info(dwFpId INTEGER PRIMARY KEY,byFingerId INT8,byFingerType INT8 DEFAULT 0,sUserNo VARCHAR(32) NOT NULL,byleaderFP INT8 DEFAULT 0). [TABLE]CREATE TABLE face_info(dwFaceId INTEGER PRIMARY KEY,dwfaceLibID INTEGER DEFAULT 0,FaceMB BLOB(1024),byFaceIdx INT8 DEFAULT 0,byFaceType INT8 DEFAULT 0,sUserNo VARCHAR(32) NOT NULL,byleaderFace INT8 DEFAULT 0). [TABLE]CREATE TABLE facelib_info(dwfaceLibID INTEGER PRIMARY KEY,faceLibType VARCHAR(32) UNIQUE,faceLibName VARCHAR(48)). [TABLE]CREATE TABLE personel_info(personelId INTEGER PRIMARY KEY,sUserNo VARCHAR(32) NOT NULL,sUserName VARCHAR(44),sUserPwd VARCHAR(8),byGender INT8,sPhoneNo VARCHAR(20),wDeptNo INT16,wRoomNo INT16,byAutType INT8,byValidPeriodEnable INT8,dwStartTime INT32,dwEndTime INT32,byUserType INT8 DEFAULT 1,dwBelongGroup INT32 DEFAULT 0,byDoorRight INT8 DEFAULT 1,dwPlanTempleteNo INT32 DEFAULT 1,byLastAutNo INT8 DEFAULT 0,closeDelayEnabled INT8 DEFAULT 0,dwMaxAutTimes INT32 DEFAULT 0,dwAutedTimes INT32 DEFAULT 0,bylocalUIRight INT8 DEFAULT 0,QRcodeStartTime INT32 DEFAULT 0). [TABLE]CREATE TABLE plan_template(byPlanTempleteNo INTEGER PRIMARY KEY,bIsEnable INT8 DEFAULT 0,byWeekPlanNo INT8,byHolidayGroupNo0 INT8,byHolidayGroupNo1 INT8,byHolidayGroupNo2 INT8,byHolidayGroupNo3 INT8,byTemplateName VARCHAR(32)). [TABLE]CREATE TABLE week_plan(byWeekPlanNo INTEGER PRIMARY KEY,bIsEnable INT8 DEFAULT 0,lPeriodIsEnable INT64,sSunPeriodTime VARCHAR(100),sMonPeriodTime VARCHAR(150),sTuePeriodTime VARCHAR(150),sWedPeriodTime VARCHAR(150),sThuPeriodTime VARCHAR(150),sFriPeriodTime VARCHAR(150),sSatPeriodTime VARCHAR(150)). [TABLE]CREATE TABLE holiday_plan(wHolidayPlanNo INTEGER PRIMARY KEY,bIsEnable INT8 DEFAULT 0,dwStartTime INT32,dwEndTime INT32,byPeriodIsEnable INT8,sPeriodTime VARCHAR(150)). [TABLE]CREATE TABLE holiday_group(byHolidayGroupNo INTEGER PRIMARY KEY,bIsEnable INT8 DEFAULT 0,wHolidayPlanNo0 INT16,wHolidayPlanNo1 INT16,wHolidayPlanNo2 INT16,wHolidayPlanNo3 INT16,wHolidayPlanNo4 INT16,wHolidayPlanNo5 INT16,wHolidayPlanNo6 INT16,wHolidayPlanNo7 INT16,wHolidayPlanNo8 INT16,wHolidayPlanNo9 INT16,wHolidayPlanNo10 INT16,wHolidayPlanNo11 INT16,wHolidayPlanNo12 INT16,wHolidayPlanNo13 INT16,wHolidayPlanNo14 INT16,wHolidayPlanNo15 INT16,byGroupName VARCHAR(32)). [TABLE]CREATE TABLE event_list(byUpLoadFlag INT8 NOT NULL,dwTime INT32,wEvent INT16,sCardNoOrIP VARCHAR(32),byCardType INT8,byReaderType INT8,byParamID INT8,byMultiGroupID INT8,byMultiOptNO INT8,byNetUserID INT8,dwCapInfo INT32 DEFAULT 0,byEventType INT8 DEFAULT 0,wFaceSimi INT16 DEFAULT 0,sEmployeeNo VARCHAR(32),byUserType INT8,byCurrentVerifyMode INT8,sUserName VARCHAR(44),bycheckinOrout INT8 DEFAULT 0,EventInfoRes INT64 DEFAULT 0). [TABLE]CREATE TABLE sfz_info(sCardNo VARCHAR(32) NOT NULL,sName VARCHAR(80),byGender INT8,byNation INT8,dwBirth INT32,sAgency VARCHAR(60),sAddr VARCHAR(140),dwStartDate INT32,dwEndDate INT32,byValidity INT8,SfzInfoRes INT64 DEFAULT 0). [TABLE]CREATE TABLE rowid_rec(sTblName TEXT,LastRowid INT64).	

General	System Maintenance	show_stream	Display the current linkage status of live view, intercom or playback, including p2p linkage status.	show_stream	N/A	# show_stream len 50 no stream session no file session no talk session	
Test	System Maintenance	test_xls_function	Test e-report export interface.	test_xls_function	N/A	# test_xls_function ------------------dwVal = 0 dwcnt=0 file /dev/msa1 stat err file /dev/msa2 stat err file /dev/msa3 stat err file /dev/msa4 stat err file /dev/msa5 stat err file /dev/msa6 stat err file /dev/msa7 stat err file /dev/msa8 stat err file /dev/msa stat err disk_open msa error!!! mount usb error! dwcnt=0 Time consuming of table generating: 0 s	
Test	System Maintenance	setPsw	Set password.	setPsw {"PswType":1,"OldPsw":"xxx","NewPsw":"yyy"}	PswType : 0: Project password, 1: Duress code, 2: Unlock password, 3: Arming/Disarming password OldPsw : Old password NewPsw : New password	# setPsw {"PswType":0,"OldPsw":"888999","NewPsw":"987410"}	
Test	System Maintenance	setDevicePara	Set the related device parameters on the device management page.	setDevicePara {"device_no":1,"DeviceName":"abc","IpV4":"192.168.2.1","Port":1234}	device_no : Device index,0: main door station, 1: sip server, 2: center platform, 3: master station, 4: doorphone,5 and subsequent: monitoring point DeviceName : device name IpV4: ip address of the linked device Port No.	# setDevicePara {"device_no":5,"DeviceName":"abc","IpV4":"10.7.115.237","Port":0} 2. Set the first camera. (The first camera index is 5 if the camera has already added.) The camera name is ipc1, the IP address is 192.168.2.1, the port is 1234. setDevicePara {"device_no":5,"DeviceName":"ipc1","IpV4":"192.168.2.1","Port":1234}	
Test	System Maintenance	setIndoorPara	Set the indoor station parameters.	setIndoorPara {"IndoorType":0,"RoomNo":213,"MaxMonitorTime":33}	IndoorType: Do not used currently, but must be contained. RoomNo: Room No.(max. 255) MaxMonitorTime: Monitoring time (s)	# setIndoorPara {"IndoorType":0,"RoomNo":199,"MaxMonitorTime":36}	
General	System Maintenance	dspInfo cap/enc/...	View the running status of each module of DSP.	dspInfo cap	Cap: Print capture module information Enc: Print encoder module information	#dspInfo cap/enc USAGE: #	
General	System Maintenance	dspInfo level0/1/2	Adjust the printing level of DSP internal printing.	dspInfo level0	Level 0: Set the print level of DSP as 0	#dspInfo level 0/1/2 USAGE: #	

General	Basic Command	closeSshd	Disable SSH.	closeSshd	N/A	# closeSshd killall: sshd: no process killed sshd close.	
General	Basic Command	openSshd	Enable SSH.	openSshd	N/A	# openSshd [996] Jun 17 20:37:29 Running in background sshd open.	
General	Basic Command	outputClose	Disable SSH printing (standard output).	outputClose	N/A	# outputClose redirectionOutput success.	
General	Basic Command	outputOpen	Enable SSH printing (standard output).	outputOpen	N/A	# outputOpen	
General	Basic Command	errputClose	Disable SSH printing (error output).	errputClose	N/A	# errputClose redirectionOutput success.	
General	Basic Command	errputOpen	Enable SSH printing (error output).	errputOpen	N/A	# errputOpen redirectionOutput success.	
Test	Basic Command	dspTest	Test dsp interface.	dspTest cmdline（mic， playvoice，setoutvoice， setinvoice，setSensorsetPicSize:wPicSize,setRatio:CompressionRatio， QR）	N/A	# dspTest mic dsp_test recv:mic [DSP] INFO|audio_hostcmd_proc.c|CmdProc_audioCmdProc|45: Chn: 0 cmd: 80050010 !!! [DSP] INFO|Nt/Nt_Audio.c|HAL_NT_AoSetVolume|782: =========HAL_NT_AoSetVolume 90========= 1. HOST_CMD_SET_AUDIO_PREVIEW 1 MIC_test----------1833 [DSP] INFO|audio_hostcmd_proc.c|CmdProc_audioCmdProc|45: Chn: 0 cmd: 80050001 !!! # dspTest setSensorsetPicSize:163,setRatio:1 dsp_test recv:setSensorsetPicSize:163,setRatio:1 wPicSize:163,Ratio:1 begin to write devCfg.bin! write devCfg.bin over!	
General	Basic Command	getDspInfo	Get DSP information.	getDspInfo	N/A	# getDspInfo hjptestfor:recv:getDspInfo ------------------- Audio ------------------- DA_w DA_r AD_w AD_r ADBLen ADDLen DABlen ADDlen oType 1c80 1c38 da28 d8e8 32768 72 65528 320 0 demBT demOC demFL demCT demTs TsErr DropC baseRC 0 0 0 0 0 0 0 0 enable dspw dspr hostw hostr swidx sridx eridx amplifer 0 0 0 0 0 0 0 4 0 hjptestfor:write:before COMMAND_START { "COMMAND": "START", "CMDNAME": "getDspInfo", "DA_w": 7296, "DA_r": 7224, "AD_w": 55848, "AD_r": 55528, "ADBLen": 32768, "ADDLen": 72, "DABlen": 65528, "ADDlen": 320, "oType": 0, "demBT": 0, "demOC": 0	

						"demGC": 0, "demFL": 0, "demCT": 0, "demTs": 0, "TsErr": 0, "DropC": 0, "baseRC": 0, "enable": 0, "dspw": 0, "dspr": 0, "hostw": 0, "hostr": 0, "amplifer": 0, "return": "True", "COMMAND": "END" } COMMAND_END	
General	Basic Command	getHardInfo	Get hardware information for cooperating with automatically test.	getHardInfo	N/A	# getHardInfo Start at 2019-06-17 21:31:22 Serial NO:930353330 SoftVersion:V1.0.0 build 190617 McuVersion: Language:CH Oem:STD NicNums:1 Mac[0]:0-0-0-0-0-1 DevType:DS-K1T931Wtest RanddomCode:ASDGGT OEM INFO:Baseline Get Hard Info Success	
General	Basic Command	getIp	Get IP address and subnet mask.	getIp	N/A	# getIp device ip is 10.7.113.139,netmask is 255.255.255.0	
General	Basic Command	setIp	Set IP address and subnet mask.	setIp {xx : yy}	xx: IP yy: net Mask	# setIp 10.7.113.139:255.255.255.0 setIp: ip:10.7.113.139,mask:255.255.255.0 begin to write devCfg.bin! write devCfg.bin over! begin to write devCfg.bin! [CRIT][storage/picStore/picMng.c #3120]: open src file succee /home/config/devCfg.bin [CRIT][storage/picStore/picMng.c #3125]: /home/config/devCfg_bacp.bin exist delete first [CRIT][storage/picStore/picMng.c #3128]: delete /home/config/devCfg_bacp.bin success [CRIT][storage/picStore/picMng.c #3148]: open dst file succee /home/config/devCfg_bacp.bin write devCfg.bin over! set ip and netmask OK!	
General	Basic Command	getPort	Get remote configuration port.	getPort	N/A	# getPort port is 8000	
General	Basic Command	setPort	Set remote configuration port.	setPort {xx}	xx is the port No., ranges from 2000 to 65535	# setPort 8000	

General	Basic Command	getNetcfg	Get network parameters.	getNetcfg	N/A	# getNetcfg hjptestfor:recv:getNetcfg hjptestfor:write:before COMMAND_START { "COMMAND": "START", "CMDNAME": "getNetcfg", "GetIpMode": "Manual", "Lan": "", "Wifi": "ON", "IpV4": "10.7.115.196", "SubnetMask": "255.255.255.0", "Gateway": "10.7.115.254", "return": "True", "COMMAND": "END" } COMMAND_END hjptestfor:write:after	
General	Basic Command	setNetcfg	Set network parameters.	setNetcfg {"GetIpMode":"Manual","Lan":"True","Wifi":"ON","IpV4":"10.7.115.196","SubnetMask":"255.255.255.0","Gateway":"10.7.115.254"}	GetIpMode : Manual represents setting the IP address manually. Auto represents obtaining the IP address automatically. Lan: True or False. The parameter is not used, but should be written. Wifi: ON represents enabling Wi-Fi. OFF represents disabling Wi-Fi. IpV4: Represents the IP address. SubnetMask: Represent the subnet mask. Gateway: Represents the gateway.	# setNetcfg {"GetIpMode":"Manual","Lan":"True","Wifi":"ON","IpV4":"10.7.115.196","SubnetMask":"255.255.255.0","Gateway":"10.7.115.254"}	
General	Basic Command	setGateway	Set gateway.	setGateway {xx}	xx: gateway	# setGateway 10.7.113.254 =====Del Default gateway on eth0 ========== DefaultOutIf: 0, ethNum = 0 begin to write devCfg.bin! write devCfg.bin over! set gateway OK!	

General	Basic Command	getISPparam	Get ISP parameters.	getISPparam	N/A	# getISPparam get_ISP_param fail, error key[145] [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1217|---channel [0] Light ISP params--- [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1224|channel [0], ISP EPSensitivity 4 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1225|channel [0], ISP PN Mode 0 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1227|channel [0], ISP Brightness 50 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1229|channel [0], ISP Saturation 50 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1231|channel [0], ISP Contrast 50 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1233|channel [0], ISP Sharpen 0 get_ISP_param fail, error key[148] get_ISP_param fail, error key[149] [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1235|channel [0], ISP Spatial NR 0 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1237|channel [0], ISP Temporal NR 0 get_ISP_param fail, error key[146] [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1239|channel [0], ISP NR mode 0 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1221|---channel [1] IRLight ISP params--- [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1224|channel [1], ISP EPSensitivity 4 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1225|channel [1], ISP PN Mode 0 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1227|channel [1], ISP Brightness 10 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1229|channel [1], ISP Saturation 0 get_ISP_param fail, error key[145] [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1231|channel [1], ISP Contrast 50 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1233|channel [1], ISP Sharpen 0 get_ISP_param fail, error key[148] get_ISP_param fail, error key[149] [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1235|channel [1], ISP Spatial NR 0 [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1237|channel [1], ISP Temporal NR 0 get_ISP_param fail, error key[146] [2019-06-18 14:36:00][DBUG][SHELL]|getISPparam|1239|channel [1], ISP NR mode 0 □	
General	Basic Command	ash	Enter shell.	ash	None	#ash USAGE: 'ash' start the shell #	

General	Basic Command	kill	Terminate a process.	kill [-9] pid	PID represents process number - 9 Represents forced killing	#kill USAGE: 'kill 215' kill process No. 215 by default 'kill -9 215' forced kill process No. 215 #	
General	Basic Command	busybox	Command tool collection.	busybox function	fouction represents functional commands	#busybox USAGE: 'busybox kill 215' has the same function as kill 215 'busybox ls' has the same function as ls #	
General	Basic Command	ping	Send ICMP ECHO_REQUEST to Network Host (IPV4 address)	ping [-c count] [-s size] [-I interface] dest	count represents the number of data package. size represents the data package size. interface represents the network interface. dest represents the destination address.	#ping USAGE: 'ping 10.7.97.37' default ping destination address 'ping-c 4-s 64 10.7.97.37' 4 specified data packages, Size 64, ping destination address #	
General	Basic Command	cat	Text output command.	cat [-n] file	#NAME?	#cat USAGE: 'cat start.sh'output the content of start.sh 'cat-n start.sh'output the content and line number of start.sh #	
General	Basic Command	tar	A decompression tool.	tar -c|-x [-v] [-f tarfile] [-C dir]	- c represents packaged files - X represents decompressed files Tarfile represents target files dir represents folders	#cat USAGE: 'tar-czf logo. tar. XZ logo' pack up logo folder and generate logo. tar. xz 'tar-xf modules.tar.xz-C/home/app' decompress modules.tar.xz to the path of / home/app #	
General	Basic Command	chmod	Edit file attributes.	chmod user oprate perms file | dir chmod mumber file | dir	user indicates u, g, o, a oprate indicates +, -,,,,,= perms indicates r, w, x	#chmod USAGE: 'chmod u-x start.sh' delete the x permission of group u of start.sh 'chmod 777 start.sh' edit the permissions of all user groups to rwx #	
General	Basic Command	ls	List directory contents.	ls [-a|-l] [dir]	- a represents that displaying of all content - l represents that listing content in long format dir represents the folder name	#ls USAGE: 'ls' list the contents of the current directory 'ls-a/home' list all the contents of the home directory #	
General	Basic Command	ps	List the snapshots of the current process.	ps	None	#ps USAGE: 'ps' list the snapshots of current process #	
General	Basic Command	touch	Edit file timestamp.	touch [-c|-d] file	- c represents that only editing the file time - d represents the time when editing the file file represents file	#touch USAGE: 'touch-d'2019-07-15'start.sh' edit the time of start.sh to 2019-07-15 'touch-c start.sh'only edit the time of the file #	

General	Basic Command	mv	Move.	mv [-f|-n|-i] file dest	- f represents forced overwriting the files - n represents that the file is not overwritten - i means asking the user whether to overwrite or not file represents the source folder dest represents the target folder	#mv USAGE: 'mv-f/heme/hik/start.sh/heme/app' move /heme/hik/start.sh to /heme/app. If the file already exists, forced overwriting. #	
General	Basic Command	date	Print or edit date and time.	date [-s] [time]	- s represents setting time time represents the configured time	#data USAGE: 'date' Printed date and time 'date-s'"2019-07-1509:00"' Edit date and time to 2019-07-15 09:00:00 #	
General	Basic Command	hik_cp	Copy.	hik_cp [-f|-r] file|dir dest	- f represents forced overwriting file represents files dest represents the target folder - r denotes recursion dir represents folders	#hik_cp USAGE: 'hik_cp-f start.sh/heme/app' copy start.sh to / heme/app. If the file already exists, forced overwriting. 'hik_cp-r logo/heme/app'copy logo folder to / heme/app #	
General	Basic Command	hik_echo	Display a string.	hik_echo string	string represents a string	#hik_echo USAGE: 'hik_echo hello' Display string: hello. #	
General	Basic Command	hik_rm	Delete.	hik_rm [-f|-i|-r] file|dir	- f represents forced deleting - i represents deleting with inquiry file represents file - r represents recursion dir denotes the folder name	#hik_rm USAGE: 'hik_rm-f start.sh' forced delete the file of start.sh 'hik_rm-r logo' recursively delete logo folders #	
General	Basic Command	mknod	Create device nodes.	mknod device type [major minor]	device represents the device name type represents device type major denotes the main device No. minor denotes the sub device No.	#mknod USAGE: 'mknod/dev/group C 640X010000' Create device node groups characters under / dev The main device No. and the sub device No. are 64 and 0X010000 respectively #	

General	Basic Command	mkdir	Create a file directory.	make [-p] dir	- p represents recursion dir represents the target directory name	#mkdir USAGE: 'mkdir-p/home/config/usb' Create the directory: /home/config/usb #	
General	Basic Command	psh	Exit debug.	psh	N/A	#psh USAGE: 'psh' Exit debug #	
General	Basic Command	df	Display storage space status.	df [-a]	- a represents that displaying all file systems.	#df USAGE: 'df' Display default information. 'df -a' Display all file systems. #	
General	Basic Command	pwd	Print the current directory.	pwd	N/A	#pwd USAGE: 'pwd' Print the current directory. #	
General	Basic Command	mount	Mount file system.	mount [-t type] [-o opt] device node	type represents the file system type opt represents the special options device represents the device name node represents the mount node	#mount USAGE: mount -t nfs -o nolock 192.0.0.192:/data1/zhangsan/nfs /mnt' mount nfs Mount file system type 192.0.0.192:/data1/zhangsan/nfs to /mnt node #	
General	Basic Command	umount	Uninstall file system.	umount device|node	device represents mounted devices node represents mounted file system nodes	#umount USAGE: 'umount dev/sda1' Uninstall the device dev/sda1 'umount/mnt' Uninsttall the device that mounted on / MNT nodes #	
General	Basic Command	dmesg	Print core log.	dmesg [-n level]	level represents the printing level.	#dmesg USAGE: 'dmesg' Print the core log 'dmesg-n 1' Print the core log or level 1 #	
General	Basic Command	hostname	Display the host name.	hostname [-F file]	- F represents that use the file's content as the host name	#hostname USAGE: 'hostname' Display the host name 'hostname-F file' Use the file's content as the host name #	
General	Basic Command	sleep	Sleep.	sleep number[s|m|h|d]	number represents numbers s represents seconds. m represents minutes h represents hours d represents days	#sleep USAGE: 'sleep 10' Sleep for 10 seconds 'sleep 10s' sleep for 10 seconds 'sleep 1m' sleep for 1 minute #	
General	Basic Command	ip	IP parameters setting.	ip addr add|del address/mask dev device	add represents adding del represents deleting address represents an IP address mask represents the mask's digit device means the device name	#ip USAGE: 'Ip addr add 10.7.97.37/24 dev eth0' Add IP address 'Ip addr del 10.7.97.37/24 dev eth0' Delete IP address #	

General	Basic Command	sshd	Run ssh server program.	sshd	Normally do not add parameters	#sshd USAGE: '' '' #	
General	Basic Command	arp	ARP buffer of operating system.	arp [-n|-v] [-H type] -a	#NAME?	#arp USAGE: '' '' #	
General	Basic Command	route	Routing settings.	route add | del [-net|-host] netmask [mask] [gw|dev]	add represents adding routing del represents deleting routing - net represents the routing is a network domain - host represents connecting to a single host route mask represents mask gw represents Gateway dev denotes NIC devices	#route USAGE: 'route-n' View rout information 'route add default gw 192.168.1.1 eth0' Add default gateway route 'route del-net 192.168.1.0 netmask 255.255.255.0 dev eth0' Delete domain route #	
General	Basic Command	fdisk	Partition table of operation disk.	fdisk -l fdisk device	- l represents to display disk partition device represents the device name	#fdisk USAGE: 'fdisk -l' Display disk partition 'fdisk /dev/sdb' Set partition for /dev/sdb #	
General	Basic Command	hwclock	Search or set the real-time clock.	hwclock [-r|-s|-w]	- r represents reading hardware clock time - s represents that the hardware clock is synchronized to the system time - w represents that synchronize the system time to the hardware's	#hwclock USAGE: 'hwclock-r' Read hardware clock time 'hwclock-s' Synchronize hardware time to system time 'hwclock-w' Synchronize system time to hardware time #	
General	Basic Command	insmod	Install modules.	insmod mod	mod represents the module name	#insmod USAGE: 'insmod led.o' Install led.o module #	
General	Basic Command	lsmod	List modules.	lsmod	N/A	#lsmod USAGE: 'lsmod' List installed modules #	
General	Basic Command	rmmod	Delete modules.	rmmod [-w|-f|-a] mod	- w represents that delete the module that is no longer used - f represents forced deleting - a represents deleting all unused modules mod represents the module name	#rmmod USAGE: 'rmmod-a' Delete all unused modules 'rmmod-w led.o' Delete led.o module when it is no longer used 'rmmod-f led.o' Forced delete led.o modules #	

General	Basic Command	ifconfig	IP parameter configuration.	ifconfig interface address	interface represents a network port address represents an IP address	#ifconfig USAGE: 'ifconfig' View IP parameters 'ifconfig eth0 192.168.1.1' Set the eth0 IP as 192.168.1.1 #	
General	Basic Command	udevinfo	Udev Device Management Tool	udevinfo OPTIONS		#udevinfo USAGE: #	
General	Basic Command	udevstart	Udev Device Management Tool			#udevstart USAGE: #	
General	Basic Command	udevd	Udevd Daemon.	udevd [--help] [--daemon]	Normally do not add parameters	#udevd USAGE: #	
General	Basic Command	getty	Select TTY terminal.	getty baudrate tty	baudrate represents baud rate tty represents terminal	#getty USAGE: #	
General	Basic Command	pidof	Get a process number of a running program.	pidof name	Name represents the process name	#pidof USAGE: 'pidof init' Get the pid of the init process #	
General	Basic Command	stty	Edit or print terminal parameters.	stty -a	- a represents print all settings	#stty	
General	Basic Command	id	Print the current user's information.	id [-u|-g]	- u represents displaying user ID - g represents the group ID which belongs to the user	#id USAGE: 'id-u' Display user ID 'id-g' Group ID that the user belongs to #	
General	Basic Command	tail	View the end of the text	tail [-n K|-c K] file	- n K represents that output the content of the last K lines of the file - c K represents that output the last K bytes of the file file represents the file name	#tail USAGE: 'tail-n 10 start.sh' Output the last 10 lines of the start.sh file 'tail-c 10 start.sh' output the last 10 bytes of the start.sh file #	
General	Basic Command	test	Detect file type	test -e|-f|-d name	- e represents whether it exists or not - f represents whether it is a file or not - d represents whether it is a folder or not	#test USAGE: 'test-e start.sh' Check whether the start.sh file exists or not 'test-f start.sh' Check whether start.sh is a file or not 'test-d logo' Check whether the logo is a folder or not #	
General	Basic Command	tftp	TFTP Tool	tftp [-g|-p] host [port]	- g represents get file - p represents put file host represents a host port represents a port	#tftp USAGE: #	
General	Basic Command	time	Counts the consumed time of a specified command.	time command	command represents command	#time USAGE: 'time ls' Counts the consumed time of ls command #	
General	Basic Command	top	Performance Analysis Tool	top [-n count] [-d second]	count represents the cycle index Second represents the updating time	#top USAGE: 'top-n 5-D 10' Print performance information for five times, with an interval of 10 seconds #	

General	Basic Command	unlzma	lzma decompression.	unlzma [-c|-f|-k] file	- c represents output standard output - f represents forced overwriting - K represents keeping the input file file represents the file name	#unlzma USAGE: 'unlzma-f test.lzma' Decompress the test.lzma file #	
General	Basic Command	wc	Text size statistics.	wc [-c|-l|-w] file	- c represents that only display the number of bytes - l represents that only display the number of rows - w represents that only display the number of words	#wc USAGE: 'wc-c start.sh' Only display the byte number of start.sh 'wc-l start.sh' Only display the row number of start.sh 'wc-w start.sh' Only display the word number of start.sh #	
General	Basic Command	ping6	Send ICMP ECHO_REQUEST to the network host (IPV6 address).	ping [-c count] [-s size] [-I interface] dest	count represents the number of package size represents the package size Interface represents the network interface dest denotes the destination address	#ping6 USAGE: 'ping 6 ipv6' ping IPv6 web site #	
General	Basic Command	init	init process.	init	N/A	#init USAGE: 'init' Run the init process #	
General	Basic Command	free	View Physical Memory	free	N/A	#free USAGE: 'free' View the physical memory #	
General	Basic Command	grep	Text searching tool.	grep [-c|-n] mode file	- c represents that only list the lines including modes in the file - n represents that display the line number at the first of each line mode represents a matching mode file represents the file name	#grep USAGE: 'grep hot start.sh' Search for the lines with the keyword 'hot' in the start.sh file and print them 'grep-c hot start.sh' Only print the lines with the keyword 'hot' in the start.sh file 'grep-n hot start.sh' Search for the lines with the keyword 'hot' in start.sh file and print the contents and line numbers #	
General	Basic Command	killall	Kill the process with a specified name.	killall [-9] name	- 9 represents forced killing Name represents the process name	#killall USAGE: 'killall-9 udhcpc' Forced kill udhcpc process #	
General	Basic Command	ln	Link Tool	ln -s target link	- s represents that establish a soft links target represents a soft link target link represents a soft link	#ln USAGE: 'ln-s/home/hik/t1_test/bin/t1' Create a soft link t1 under / bin under / home/hik/t1_test #	

General	Basic Command	sh	Bash shell	sh	N/A	#sh USAGE: 'sh' Enter bash #	
General	Basic Command	du	View disk space occupied by a specified file or directory.	du [-a|-s] [file|dir]	- a represents viewing file and file occupied space - s represents the total occupied space file represents the file name dir represents inter-file names	#du USAGE: 'du' View disk space occupied by folders 'du-a' View disk space occupied by folders and files 'du-s' View total disk space occupied by folders and files 'du/home' View disk space occupied by the specified folder #	
General	Basic Command	env	Environmental variable output.	env	N/A	#env USAGE: 'env' View the current environment variables #	
General	Basic Command	expr	Arithmetic operation.	expr expression	Expression represents expressions	#expr USAGE: 'expr 2 + 1' Calculate the value of 2 + 1 'expr 1 = 0' Calculate the value of 1 = 0 #	
General	Basic Command	find	Search.	find path -name file	path represents the search path - name represents searching by name File represents the file name that need to search	#find USAGE: 'find-name t1_test' Search t1_test under the current directory 'find/home/hik-name t1_test' Search t1_test in the directory: /home/hik #	
General	Basic Command	lzmacat	Output decompressed contents to standard output stream.	lzmacat file	Output the decompressed contents to the standard output	#find USAGE: #	
General	Basic Command	gzip	Compress to gzip format.	gzip [-c|-f] file	- c represents compression - f represents forced	#gzip USAGE: 'gzip-c logo > logo.gz' Compress the logo folder to the logo.gz file #	
General	Basic Command	udhcpc	A tool can get IP address dynamically.	udhcpc	N/A	#udhcpc USAGE: #	
General	Basic Command	ubiattach	Mount UBIFS file system.	ubiattach -m <MTD device number> -d <UBI device number>	m represents the device number to be linked d represents the created UBI device number	#ubiattach USAGE: 'ubiattach -m 2 -d 0 ' #	
General	Basic Command	ubidetach	Uninstall UBIFS file system.	ubidetach -d <UBI device number>	d represents that the created UBI device number has been linked.	#ubidetach USAGE: 'ubidetach -d 0' #	
General	Basic Command	ubiformat	Format UBIFS file system	ubiformat /dev/mtdx [-y]	x represents the device number; y represents that when there is a query, the system will enter yes by default	#ubiformat USAGE: 'ubiformat /dev/mtd2' #	

General	Basic Command	ubimkvol	Create UBI volumes on UBI devices.	ubimkvol <UBI device node file name> [-n <volume ID>] [-N <name>] [-s <bytes>] [-m]	n represents the ordinal number of the created volumes n represents the created volume name s represents the created volume size m represents setting the volume size as the maximum size	#ubimkvol USAGE: 'ubimkvol /dev/ubi2 -s 20Mib -N my_vol_a' #	
General	Basic Command	hiddrs	DDR occupancy statistics.	hiddrs [-d ddrc] [-f freq] [-w width] [-i time]	d represents the DDR serial number that to be viewed. by default, it is 0 f represents the frequency of DDR and the default value is 400 MHz i represents the time interval for viewing and the default value is 1 w represents the DDR bit width, and the default value is 32 bit	#hiddrs USAGE: 'hiddrs -d 0 -f 400 -i 1' #	
General	Basic Command	hil2s	L2 cache statistics.	hil2s [second]	Second represents the interval between two tests	#hil2s USAGE: 'hil2s' #	
General	Basic Command	himc	Reset memory.	himc address length [value]	address represents addresses length represents the length can be cleared value represents clearing the used value	#himc USAGE: 'himc 0x80040000 1001' Use 1 to clear 100 bytes memory which starts from the address 0x80040000 #	
General	Basic Command	himd	Memory Display (8 bit)	himd <address>	address represents address	#himd USAGE: 'himd 0x80040000' #	
General	Basic Command	himd.l	Memory Display (32 bit)	himd.l <address>	address represents address	#himd.l USAGE: 'himd.l 0x80040000' #	
General	Basic Command	himm	Edit memory.	himm <address>	address represents address	#himm USAGE: 'himm 0x80040000' #	
General	Basic Command	himii.r	Read PHY register.	himii.r <ifname> <register>	Ifname represents the NIC name that to be operated register represents the register No. that to be read	#himii.r USAGE: 'himii.r eth0 1' #	
General	Basic Command	himii.w	Write PHY status.	himii.w <ifname> <register> <regvalue>	Ifname represents the NIC name that to be operated register represents the register No. that to be read regvalue represents the written value of the register	#himii.w USAGE: 'himii.w eth0 0 0x7509' #	

General	Basic Command	btools	Memory Operating Tool	btools <-i/-u/-v>	i represents installing the Hess toolkit - u represents uninstalling the Hess toolkit - v represents displaying the version	#btools USAGE: ‘btools -i’ #	
General	Basic Command	mkfs.ext4	Ext4 file system format	mkfs.ext4 [-F] device	- F represents forced formatting device represents the device name	#mkfs.ext4 USAGE: 'mkfs.ext4 -F /dev/sda1' Forced formatting the file system: /dev/sda1 to ext4 #	
General	Basic Command	fsck.ext4	Repair Ext4 file system.	fsck.ext4 [-f] device	- f represents forced checking device represents the device name	#fsck.ext4 USAGE: 'fsck.ext4 -f /dev/sda1' Forced checking /dev/sda1 #	
General	Basic Command	dd	Convert or copy a file.	dd [if=file] [of=file] [bs=N] [count=N]	if represents input of represents output bs represents the read and write size for each time count represents times of read and write	#dd USAGE: 'dd if = file1 of = File2 BS = 1024 count = 10' Copy contents of file1 to file2. Copy 1024 bytes at a time. Copy 10 times. #	
General	Basic Command	i2c_write	Write I2C Bus.	i2c_write <i2c_num> <device_addr> <reg_addr> <value> <reg_width> <data_width>	i2c_num: i2c Bus No. dev_addr: I2C device address reg_addr: I2C device's register start address reg_addr_end: I2C device's register end address, if read only one register, then the end address can be the same as reg_addr. reg_witch: Read register's bit width date_witch: Read bit width	#i2c_write USAGE: For device whose address is 0x72: The written value of register 0x8 is 0xa5 i2c_write 0 0x72 0x8 0xa5 0x1 0x1 #	

General	Basic Command	i2c_read	Read I2C BUS.	i2c_read <i2c_num> <dev_addr> <reg_addr> <reg_addr_end><reg_width> <data_width> <reg_step>.	i2c_num: i2c BUS No. dev_addr: I2C device address reg_addr: I2C device's register start address reg_addr_end: I2C device's register end address, if read only one register, then the end address can be the same as reg_addr. reg_witch: Read register's bit width data_witch: Read bit width Reg_step: When read the register of peripherals continuously, the register No. will increase, by default, it is 1. When read a single register, do not use the parameter.	#i2c_read USAGE: Read register 0x8, which IP address is 0x72 i2c_read 0 0x72 0x8 0x8 0x1 0x1 #	
General	Basic Command	help	Help Command	help	N/A	#help USAGE: 'help' Help command #	
General	Basic Command	debug	Enter debug mode.	debug	N/A	#debug USAGE: 'debug' Enter debug mode #	
General	Printing Information Control	debug_info_off	Disable debugging printing information.	debug_info_off	N/A	# debug_info_off □	
General	Printing Information Control	debug_info_on	Enable debugging printing information.	debug_info_on	N/A	# debug_info_on	
General	Printing Information Control	setDbgCtrl	Set the printing level of the specified module.	setDbgCtrl DbgLevel:DbgFormat:DbgModule:DbgMask	N/A	# setDbgCtrl ffffffff:6:3:1 iDbgLevel:0xffffffff iDbgFormat:0x6 iDbgModule:0x3 iDbgMask0x1 g_iDbgLevel:0xffffffff g_iDbgFormat:0x6 g_iDbgModule:0x3 iDbgMask0x1	
Test	Printing Information Control	Print_aidOff	Disable debugging printing of the device status.	Print_aidOff	N/A	# Print_aidOff aid print off	
Test	Printing Information Control	Print_aidOn	Enable debugging printing of the device status.	Print_aidOn	N/A	# Print_aidOn aid print on	
Test	Printing Information Control	Print_batteryOff	Disable debugging printing of the battery.	Print_batteryOff	N/A	# Print_batteryOff battery print off	
Test	Printing Information Control	Print_batteryOn	Enable debugging printing of the battery.	Print_batteryOn	N/A	# Print_batteryOn battery print on	
Test	Printing Information Control	Print_beepOff	Disable debugging printing of the buzzer.	Print_beepOff	N/A	# Print_beepOff beep print off	
Test	Printing Information Control	Print_beepOn	Enable debugging printing of the buzzer.	Print_beepOn	N/A	# Print_beepOn beep print on	
Test	Printing Information Control	Print_devcfgOff	Disable debugging printing of the device configuration file.	Print_devcfgOff	N/A	# Print_devcfgOff devcfg print off	

Test	Printing Information Control	Print_devcfgOn	Enable debugging printing of the device configuration file.	Print_devcfgOn	N/A	# Print_devcfgOn devcfg print on	
General	Printing Information Control	Print_ehomeOff	Disable EHome printing.	Print_ehomeOff	N/A	# Print_ehomeOff	
General	Printing Information Control	Print_ehomeOn	Enable EHome printing.	Print_ehomeOn	N/A	# Print_ehomeOn	
General	Printing Information Control	Print_ezvizOff	Disable EZVIZ log level.	Print_ezvizOff	N/A	# Print_ezvizOff	
General	Printing Information Control	Print_ezvizOn	Set EZVIZ log level.	Print_ezvizOn {n}	n: 0~3	# Print_ezvizOn 0	
General	Printing Information Control	Print_fingerOff	Disable fingerprint module printing.	Print_fingerOff	N/A	# Print_fingerOff finger print off	
General	Printing Information Control	Print_fingerOn	Enable fingerprint module printing.	Print_fingerOn	N/A	# Print_fingerOn finger print on	
General	Printing Information Control	Print_hardwareOff	Disable debugging printing of the hardware abstraction level.	Print_hardwareOff	N/A	# Print_hardwareOff hardware print off	
General	Printing Information Control	Print_hardwareOn	Enable debugging printing of the hardware abstraction level.	Print_hardwareOn	N/A	# Print_hardwareOn _hardware print on	
General	Printing Information Control	Print_ledOff	Disable LED debugging printing.	Print_ledOff	N/A	# Print_ledOff led print off	
General	Printing Information Control	Print_ledOn	Enable LED debugging printing.	Print_ledOn	N/A	# Print_ledOn led print on	
General	Printing Information Control	Print_netdadOff	Disable debugging printing of IP conflict.	Print_netdadOff	N/A	# Print_netdadOff netdad print off	
General	Printing Information Control	Print_netdadOn	Enable debugging printing of IP conflict .	Print_netdadOn	N/A	# Print_netdadOn netdad print on	
General	Printing Information Control	Print_netsdkOff	Disable network SDK printing.	Print_netsdkOff	N/A	# Print_netsdkOff	
General	Printing Information Control	Print_netsdkOn	Enable network SDK printing.	Print_netsdkOn	N/A	# Print_netsdkOn	
General	Printing Information Control	Print_ntpOff	Disable NTP debugging printing.	Print_ntpOff	N/A	# Print_ntpOff ntp print off	
General	Printing Information Control	Print_ntpOn	Enable NTP debugging printing.	Print_ntpOn	N/A	# Print_ntpOn ntp print on	
General	Printing Information Control	Print_sadpOff	Disable device SADP debugging printing.	Print_sadpOff	N/A	# Print_sadpOff sadp print off	
General	Printing Information Control	Print_sadpOn	Enable device SADP debugging printing.	Print_sadpOn	N/A	# Print_sadpOn sadp print on	

General	Printing Information Control	Print_sqlOff	Disable database printing.	Print_sqlOff	N/A	# Print_sqlOff sql print off	
General	Printing Information Control	Print_sqlOn	Enable database printing.	Print_sqlOn	N/A	# Print_sqlOn sql print on	
General	Printing Information Control	Print_upgradeOff	Disable debugging printing of device USB flash drive operation.	Print_upgradeOff	N/A	# Print_upgradeOff upgrade print off	
General	Printing Information Control	Print_upgradeOn	Enable debugging printing of device USB flash drive operation.	Print_upgradeOn	N/A	# Print_upgradeOn upgrade print on	
General	Printing Information Control	Print_wifiOff	Disable debugging printing of device Wi-Fi.	Print_wifiOff	N/A	# Print_wifiOff wifi print off	
General	Printing Information Control	Print_wifiOn	Enable debugging printing of device Wi-Fi.	Print_wifiOn	N/A	# Print_wifiOn wifi print on	
General	Printing Information Control	visPrt	SIP log printing command.	visPrt {x-y}	x: 0- all module print 1-sip client module 2-xml modulet 3-stor module print y: 0-close 1-open	# visPrt 1-1 <set_prt_ctl, 1518>module: 1, status: 1	
General	Printing Information Control	setEzvizDebug	Set EZVIZ log level.	setEzvizDebug {n}	n: 0~3	# setEzvizDebug 0 set_log_level[0]	
General	Printing Information Control	setEzvizlog	Set EZVIZ SDK log level.	setEzvizlog {n}	n: 0 - Print nothing 1 - print log in error level 2 - print log in warning level 3 - print log in debugging level	# setEzvizlog 1 <setEzvizloglevel, 1875>1 #	
General	Printing Information Control	setRs485DebugLevel	Set 485 debugging level.	setRs485DebugLevel {n}	N/A	# setRs485DebugLevel 1 value:1	
General	Printing Information Control	tmpPrintOn	Enable/disable temperature printing information.	tmpPrintOn {n}	n: 0 or 1	# tmpPrintOn 1 value:1 temperature print on # tmpPrintOn 0 value:0 temperature print off	
General	Printing Information Control	sipCmd getdbg	Get sip server log printing level.	sipCmd getdbg	N/A	# sipCmd getdbg # # sipCmd setdbg 2 #	
General	Printing Information Control	sipCmd setdbg	Set sip server log printing level.	sipCmd setdbg {x}	x:1- trace, 2-debug, 3-info, 4-warn, 5-error, 6-fatal	# sipCmd getdbg # # sipCmd setdbg 2 #	
General	Printing Information Control	setSIPDebug	Print SIP signal details.	setSIPDebug {n}	n: 1: Enable SIP details printing 0: Disable SIP details printing	# setSIPDebug 1	

General	Printing Information Control	setDebug	Release SDK calling printing test calling SDK interface.	setDebug{ -h -l -m -d}	h: help l: level 1 to 7 m: main module d: code line	# setDebug -l 7 -m sdkcmd -d 101 modulename level display(FILENAME,FUNCTION,LINE) SDKCMD 7 101	
General	Printing Information Control	showMcuCommuPrint	Print the interaction information of MCU.	showMcuCommuPrint {n}	(n: 0~2) 0: off, 1: enable printing except for request printing, 2: enable full printing	# showMcuCommuPrint 1 [2019-06-18 14:02:49][INFO][mcu_protocol][info]|hardware/MCU/mcuUsbProtocol.c|mcu_protocol_enable_printf|172:mcu_version: V0.0.0 build 00000000 set mcu printf level 1 succeed!	
General	Printing Information Control	debugHeap	Print stack information.	debugHeap	N/A	# debugHeap hjptestfor:recv:debugHeap HEAP newlib: usage=35716104/49944880(71%),addr=0xCDA6D0 hjptestfor:write:before COMMAND_START { "COMMAND": "START", "CMDNAME": "debugHeap", "return": "True", "COMMAND": "END" } COMMAND_END	
General	Printing Information Control	dspStatus	Print DSP information.	dspStatus	N/A	# dspStatus enc chan 1: bps 2016 <bpsV 672, bpsA 1344> fps <vi 0, encV 0, encA 0, dspDisp 0> sub <bps 1344, fps 0, lost 0> lost <vi 0, encV 0, encA 0, dspDisp 0, data 0> imgW x imgH : 640 x 480,subImgW x subImgH : 320 x 240 dec chan 1: imgW*imgH 0*0, fpsDecV: 0, fpsDecA: 0 send dsp command: 0 #	
General	Printing Information Control	echo 7 > /proc/sys/kernel/printk	Release core printing.	echo 7 > /proc/sys/kernel/printk	N/A	# echo 7 > /proc/sys/kernel/printk	
General	Printing Information Control	dmesg	Print core startup information.	dmesg	N/A	# dmesg Booting Linux on physical CPU 0x0 Initializing cgroup subsys cpu Linux version 3.18.20 (xiaqiutao@Cpl-IBP-BSP) (gcc version 4.9.4 20150629 (prerelease) (Hisilicon_v500_20170329)) #1-svn130125 SMP Mon Mar 11 20:37:22 CST 2019 CPU: ARMv7 Processor [410fc075] revision 5 (ARMv7), cr=10c5387d CPU: PIPT / VIPT nonaliasing data cache, VIPT aliasing instruction cache Machine model: Hik-vision Product Board cmz zone is not set! cma: Reserved 16 MiB at 0x9f000000 Memory policy: Data cache writealloc On node 0 totalpages: 131072 free_area_init_node: node 0, pgdat c06a5240, node_mem_map debee000 Normal zone: 1024 pages used for memmap Normal zone: 0 pages reserved Normal zone: 131072 pages, LIFO batch:31	

General	Printing Information Control	extend debug	Set the printing level of the module.	extend debug [OPTIONS] MODULE[/SUB-MODULE/...]	N/A	#extend debug -r /net -l d -c, --check check if module debugging is enabled. if not, show how to enable it. -f, --force force enable module debugging[default]. -F undo force option. -r, --recursive apply to sub-modules recursively. -l, --level=LEVEL debugging level. LOG_LVL_DEBUG if not specified. s[ilent]/f[atal]/e[rror]/w[arn]/i[nfo]/d[ebug]/v[erbose].(-1 ~ 5). -i, --interface[=logcat/serial] logcat or serial to output logs. noargs to switch between logcat and serial. --list list modules in your project. --only enable logging of specified modules only. -h, --help display this help and exit.	
General	Printing Information Control	extend debugmodle	Enable Android settings function.	extend debugmodle	N/A	#extend debugmodle	
General	Printing Information Control	extend releasemodle	Disable Android settings function.	extend releasemodle	N/A	#extend releasemodle	
General	Printing Information Control	getDbgCtrl	Get printing level.	getDbgCtrl	N/A	# getDbgCtrl g_iDbgLevel,g_iDbgFormat,g_iDbgModule,g_iDbgMask: 0x000000ff 0x000000ff 0x00001020 0x00001804 # dbgLevel: Printing Level modIdx: Print Module of Level 1 modMask Print Sub Module of Level 2	
General	Printing Information Control	guiStatus	Print GUI running status.	guiStatus	N/A	# guiStatus ---------- gui status help info ---------- 10: The basic summary information, main and auxiliary ports, as well as the output port status. 20: SendMessage function return status. Normally bRet is 1. 30: Recently desktop window received messages. 40: Window infomation. For tracking window the message send to. 50: DSP command to send. 60: view menu config file. 70: debug menu status.	

<table>
<tr><td>Test</td><td>Printing Information Control</td><td>guiDebug</td><td>Set GUI printing debugging information.</td><td>guiDebug hiklinux {xx}</td><td>xx
10: Grab a picture and saved to /home/app/ directory.
20: Open or close the menu state debugging.
30: Close a Window.
40: Simulate an incoming call.
50: Simulate receive a new message.
60: Simulate receive alarm information.
70: Simulation called.
80: Simulation Key operation.
90: Forced to return home.
100: start test screen, the first parameter is 1 to enable the automatic mode.</td><td># guiDebug hiklinux
============arg0:0, arg1:0
------------------------- gui debug help info --------------------
10: Grab a picture and saved to /home/app/ directory.
20: Open or close the menu state debugging.
30: Close a Window.
40: Simulate an incoming call.
50: Simulate receive a new message.
60: Simulate receive alarm information.
70: Simulation called.
80: Simulation Key operation.
90: Forced to return home.
100: start test screen, the first parameter is 1 to enable the automatic mode.

guiDebug hiklinux 10
============arg0:10, arg1:0
~~~~~~~~~~~ Start Print Screen!!!
~~~~~~~~~~~ End Print Screen!!!
#</td><td></td></tr>
<tr><td>Test</td><td>Event/Alarm</td><td>alarmUpload</td><td>Upload alarm.</td><td>alarmUpload</td><td>N/A</td><td># alarmUpload
[DSP] chan 0 HostGetJpegImg, jpgMode = 5
<../../../util/common/visUtil.c, 528>Param error!
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1
[DSP] WARN|snap.c|SnapPicGet|352: pSnapCtrl->curPicLen=0,s32Ret=-1, VPSS:0|3
[DSP] ERROR|snap.c|SnapPicGet|353: HI_SUCCESS == s32Ret s32Ret ffffffff
[DSP] ERROR|snap.c|SnapProcess|473: err ffffffff
[DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1</td><td></td></tr>
</table>

						0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapWait|171: stStat.u32CurPacks = 0,flgDec=0,chan=0,jpgType=1 [DSP] WARN|snap.c|SnapPicGet|352: pSnapCtrl->curPicLen=0,s32Ret=-1, VPSS:0|3 [DSP] ERROR|snap.c|SnapPicGet|353: HI_SUCCESS == s32Ret s32Ret ffffffff [DSP] ERROR|snap.c|SnapProcess|473: err ffffffff [DSP] ERROR|snap.c|HostGetJpegImg|644: HI_SUCCESS == err s32Ret ffffffff	
Test	Event/Alarm	creatEvent	Unusual events, used for test.	creatEvent {MajType:MinType}	MajType: alarm， exception，operate， event MinType: n	# creatEvent exception:39 [2019-06-18 16:32:06][WARN][EVENT]|write_acs_log|2084|eOptRole=0 eMajType=2 wMinType=39 sCardNoOrIP= dwTime=1560875526 [CRIT][mainCtrl/logLib.c #965]: get event by rowid, no need recover old pic!	
Test	Event/Alarm	event_all_offline	Set the uploaded events in the specified period as not uploaded.	event_all_offline {xx-yy}	xx: Start date yy: End date	# event_all_offline 20190606-20190617 strattime:1559779200,endtime:1560729600 @@IamWhatIam@@net_channel_send_log, 21154 ###find from flash find from memory [access] file not exist,filename:/home/app/pic/acsLinkCap/1560532940_11024_1.jpeg!! file size=0 [2019-06-17 19:33:58][ERROR][USB]|get_file_size|1184|get_file_size: /home/app/pic/acsLinkCap/1560532940_11024_1.jpeg no exist @@IamWhatIam@@net_channel_send_log, 21268,dwSendLenEnd=224 @@IamWhatIam@@net_channel_send_log, 21154 ###find from flash	

Test	Event/Alarm	sendSipAlarm	Test sip uploading alarm.	sendSipAlarm {xx-yy}	xx: 1, /* Zone alarm */ 2, /* Tamper alarm */ 3 /* Duress alarm */ 4/* Incorrect password alarm */ 5 /* Door not opened alarm */ 6 /* Door not closed alarm */ 7/* SOS alarm */ 8/*Device calling alarm*/ 9/* Smart lock duress fingerprint alarm*/ 10/* Smart lock duress code alarm */ 11/* Smark lock picklock alarm */ 12/* Smart lock locked alarm */ 13/*Smart lock low battery alarm*/ yy: numeric，zone	# sendSipAlarm 1 1 <sendSipAlarmS, 1866>alarmType: 1, zoneType: 1	
Test	Event/Alarm	setAlarmPara	Enable/disable zone in each arming mode.	setAlarmPara {"alarm_mode":1,"DefenseStatus":"10101010"}	alarm_mode： 0: stay , 1: away, 2: sleep, 3: custom DefenseStatus： zone status in each mode	# setAlarmPara {"alarm_mode":1,"DefenseStatus":"10000011"}	
Test	Event/Alarm	setDefenseStatus	Set arming mode.	setDefenseStatus {"defense_status":1}	defense_status： 0: stay , 1: away, 2: sleep, 3: custom	# setDefenseStatus {"defense_status":1}	
General	Event/Alarm	setDefenseZonePara	Set zone parameters.	setDefenseZonePara {"defense_zone_no":1,"DefenseZoneType":"SMOKE_DETECTOR","AlarmType":"INSTANT","OnOff":"ON","InDelay":12,"OutDelay":22}	defense_zone_no： Zone No.，0 to 7 DefenseZoneType： Zone type, SMOKE_DETECTOR: smock detector, ACTIVE_INFRARED_DETECTOR: activbe IR detector, PASSIVE_INFRARED_DETECTOR: PIR detector, GAS_DETECTOR: gas detector, DOORBELL_DETECTOR: door bell，MAGNETIC_DETECTOR: door contact, PANIC_BUTTON: panic button, AlarmType： alarm type，INSTANT: instant alarm, 24H: 24h alarm, DELAY: delay alarm OnOff： ON: nomally closed, OFF: nomally opened InDelay： enter delay time, unit: second OutDelay： Exit delay, unit: second	# setDefenseZonePara {"defense_zone_no":1,"DefenseZoneType":"SMOKE_DETECTOR","AlarmType":"INSTANT","OnOff":"ON","InDelay":34,"OutDelay":50}	
Test	Event/Alarm	setEventOffline	Set all events as not uploaded.	setEventOffline	N/A	# setEventOffline current event.db version is 101 ==========set event offline finish=========	

Test	Event/Alarm	setEventReload	Set the events in the period as not uploaded.	setEventReload {xx-yy}	xx: Start time yy: End time	# setEventReload current event.db version is 101 ==========set event offline by time finish=========	
General	Event/Alarm	showGuardInfo	Display arming information.	showGuardInfo	N/A	# showGuardInfo ----------channel[0] guard client ip:10.7.113.27 ----------channel[1] guard client ip:0.0.0.0 ----------channel[2] guard client ip:0.0.0.0 ----------channel[3] guard client ip:0.0.0.0 ----------channel[4] guard client ip:0.0.0.0 ----------channel[5] guard client ip:0.0.0.0 ----------channel[6] guard client ip:0.0.0.0 ----------channel[7] guard client ip:0.0.0.0 ----------channel[8] guard client ip:0.0.0.0	
Test	Event/Alarm	showEventCount	Get event number in the period.	showEventCount {xx-yy}	xx: Start time yy: End time	# showEventCount ==========get event count:0=========	
General	Event/Alarm	showEventInfo	Display the total even number and the uploaded and not uploaded event number of each channel.	showEventInfo	N/A	# showEventInfo ===event total : 371===== ==========center0========== ===event upload: 371===== ===event none upload:0===== ==========center1========== ===event upload: 0===== ===event none upload:371===== ==========center2========== ===event upload: 0===== ===event none upload:371===== ==========center3========== ===event upload: 0===== ===event none upload:371=====	
General	Event/Alarm	showGuardlog	Display the remote arming/disarming event on a specified day.	showGuardlog {xx}	N/A	# showGuardlog 20190617 IP:10.7.113.27,2019-06-17 19:09:46,removal IP:10.7.113.27,2019-06-17 19:11:53,Protection	
Test	Intercom	answerRefuseDoor	Hang up while the door station is answering.	answerRefuseDoor	N/A	# answerRefuseDoor	
Test	Intercom	answerRefuseIndoor	Indoor station is calling, answer and hang up.	answerRefuseIndoor	N/A	# answerRefuseIndoor	
Test	Intercom	callIndoor	Call the indoor station.	callIndoor {"longnum":"10010100221"}	longnum : 11 digits long No.	# callIndoor {"longnum":"10010100221"}	
Test	Intercom	callManager	Call the management center.	callManager	N/A	# callManager	
Test	Intercom	callUnlock	Calling unlock.	callUnlock	N/A	# callUnlock	

General	Intercom	getNum	Get device information: device type, No., long No., linked main door station, enrollment status on main door station, linked SIP server, SIP server enrollment status, linked doorphone, doorphone enrollment status, master station IP, Wi-Fi status, arming status	getNum	N/A	# getNum	
Test	Intercom	indoorHangUp	Hang up when indoor station is calling.	indoorHangUp	N/A	# indoorHangUp	
Test	Intercom	insertCallrecord	Insert call logs.	insertCallrecord {N M}	(N represents 1 to 3, M is integer.)	# insertCallrecord 10 100 type:10 is invalid,should be 1 ~ 3,such as: insertCallrecord 1 50 # insertCallrecord 1 100 start insert callrecord, please wait a moment insert No.1 callrecord insert No.2 callrecord insert No.3 callrecord insert No.4 callrecord insert No.5 callrecord insert No.6 callrecord	
Test	Intercom	kb	Door station: Simulate serial port command by keypad.	kb {xx}	Number (0 to 9 characters, such as kb 4) Button - (Single character, kb -) Button <- (Single character, kb d) Call button (Two characters, kb ca) Hang up button (Two characters, kb ha) Answer button (Two characters, kb an) Hands free button (Two characters, kb hf) Call management center button (Two characters, kb ct) Unlock button (Two characters, kb un) SOS button (Two characters, kb so) Live view button (Two characters, kb mo1~mo9/mo1~mo16) End live view (Two characters, kb em) Capture (Two characters, kb sn)	# kb mo1 <talkBack_kb, 1712>mo1 <src/gui_autotools.c, 282> Indoor monitor button	
Test	Intercom	kb '0'-'9' '-'	Dial up.	kb {xx}	xx: room No., short number or long number	# kb 12345	
Test	Intercom	kb an	Answering command.	kb an	N/A	# kb an	
Test	Intercom	kb ct	Call the management center.	kb ct	N/A	# kb ct	
Test	Intercom	kb em	End monitoring.	kb em	N/A	# kb em	
Test	Intercom	kb ha	Hanging up command.	kb ha	N/A	# kb ha	
Test	Intercom	kb mo	Monitoring command.	kb mo	N/A	# kb mo	
Test	Intercom	kb ot	Start burn test.	kb ot	N/A	# kb ot	
Test	Intercom	kb un	Unlock command.	kb un	N/A	# kb un	

Test	Intercom	keybd	Key for handling serial port command, used for auto test.	keybd {xx}	keybd monitor: monitor keybd door: monitor door station keybd ipc: monitor IPC keybd set: set keybd lift: call elevator keybd wifi: wifi keybd unmsg: unread info. keybd unans: not answered keybd dail: dial up keybd managemsg: information management keybd contact: contact keybd maindesk: back to home page keybd tab1: screen switch 1 keybd tab2: screen switch 2	# keybd monitor # keybd door # keybd ipc # keybd set # keybd lift # keybd wifi # keybd unmsg # keybd unans # keybd dail # keybd managemsg # keybd contact # keybd maindesk # keybd tab1 # keybd tab2	
Test	Intercom	pickupDoor	Answer the calling from outdoor station.	pickupDoor	N/A	# pickupDoor	
Test	Intercom	pickupIndoor	Answer the calling from indoor station.	pickupIndoor	N/A	# pickupIndoor	
Test	Intercom	ringRefuseDoor	Door station calling, hang up when the device is ringing.	ringRefuseDoor	N/A	# ringRefuseDoor	
Test	Intercom	ringRefuseIndoor	Indoor station calling, refuse when the device is ringing.	ringRefuseIndoor	N/A	# ringRefuseIndoor	
General	Intercom	setTalkTimeNoLimit	Set unlimited calling time.	setTalkTimeNoLimit	N/A	# setTalkTimeNoLimit	
General	Intercom	setMaxTalkTime	Set calling time.	setMaxTalkTime {xx}	xx : calling time, more than 0	# setMaxTalkTime 10 set max talk time:10! #	
Test	Monitoring	monitorCamera	Start monitoring for each camera.	monitorCamera {"enable":"True","index":0}	enable : True: starts monitoring monitor point False: exit monitoring index: monitor point index	# monitorCamera {"enable":"True","index":0} # monitorCamera {"enable":"False","index":0}	
Test	Monitoring	monitorOutdoor	Monitor door station.	monitorOutdoor {"enable":"True","index":0}	enable : True: starts monitoring door station False: exit monitoring index: door station index	# monitorOutdoor {"enable":"True","index":0}	
Test	Monitoring	monitorUnlock	Unlock when monitoring.	monitorUnlock	N/A	# monitorUnlock	
General	Monitoring	setMonitorTime	Set monitoring time.	setMonitorTime {n}	n: 0-monitoring without time limit 1-general mode, monitoring time can be configured	# setMonitorTime 0	

Test	Monitoring	setCamera	Switch current image.	setCamera {n}	n: 1: view the IR camera image 0: view visible light camera image	# setCamera 0 set preview camera to 0 [07-11 19:40:02][DSP][ERROR][hardwareif/hi3516av200/dsp/dsp.c 296]cmd = 0x80010001,chan_no=1 [07-11 19:40:02][DSP][ERROR][hardwareif/hi3516av200/dsp/dsp.c 312]SendCmdToDsp ret = 0 hwif_dsp_ctrl_video_input status=0 cmd = 0x80010001 [07-11 19:40:02][DSP][ERROR][hardwareif/hi3516av200/dsp/dsp.c 296]cmd = 0x80020001,chan_no=1 [DSP] INFO|venc_hostcmd_proc.c|CmdProc_encCmdProc|50: Chn: 0 cmd: 80020001 !!! [DSP] ERROR|enc.c|Enc_startMainEncode|963: Enc 0 Had Been Open !!! [07-11 19:40:02][DSP][ERROR][hardwareif/hi3516av200/dsp/dsp.c 312]SendCmdToDsp ret = 0	
Test	Audio Test	audio_test	Audio test.	audio_test	N/A	# audio_test	
Test	Audio Test	audio_test	Audio test.	audio_test { all }	N/A	# audio_test all	

Test	Audio Test	audioDisplay	Play audio of test command.	audioDisplay {xx yy zz}	audioDisplay: display wav file
					Usage: audioDisplay [Start(1)/Stop(0)] [Time by second] [wav file]
					e.g. audioDisplay 1 5 busy_tips
						# audioDisplay: display wav file
						Usage: audioDisplay [Start(1)/Stop(0)] [Time by second] [wav file]
						e.g. audioDisplay 1 5 busy_tips
						# audioDisplay 1 5 busy_tips
						cmd=1,[0]=49,[1]=53,[2]=98,[3]=117,strValue=15busy_tips
						open file:/home/app/audio/busy_tips.wav fail, No such file or directory
						#	

Test	Audio Test	languageAuto Test	Multi language auto test.	languageAutoTest {xx}	xx: 1-enable ; 0-disable	# languageAutoTest 1	
Test	Audio Test	playAudio	Voice test.	playAudio {xx}	xx: file directory	# playAudio /home/app/resource/rings/prompt_audio_detect_ok.wav:3 [/home/app/resource/rings/prompt_audio_detect_ok.wav],[3]	
General	Audio Test	audioInput	Audio input settings.	audioInput {x}	x 1: enable audio input 0 : disable audio input	# audioInput 1 # audioInput 0 #	
General	Audio Test	audioOutput	Audio output settings.	audioOutput {x}	x 1: enable audio output 0: disable audio output	# audioOutput 1 [DSP] HostStartAudioOutput # audioOutput 0 [DSP] HostStopAudioOutput #	
Test	Audio Test	audioRecord	Audio recoding command.	audioRecord {x}	x 1: enable audio recording 0 : disable audio recording	# audioRecord 1 [DSP] HostStartAudioRecord # # audioRecord 0 [DSP] HostStopAudioRecord	
Test	Audio Test	audioTest	Audio test.	audioTest all	all voice prompt	# audioTest all audio_play_prompt ok: i=0 audio_play_prompt ok: i=1 audio_play_prompt ok: i=2 audio_play_prompt ok: i=3	
General	Audio Test	autoAnswer	Auto-answer audio play.	autoAnswer	N/A	# autoAnswer	
General	Audio Test	getVideoAndAudio	Get the current video/audio status.	getVideoAndAudio	N/A	# getVideoAndAudio [serial/shellCmd2/toolserver2.c #874] [@get_video_dudio] IPC total: 0 [serial/shellCmd2/toolserver2.c #875] [@get_video_dudio] IPC choose: 0 [serial/shellCmd2/toolserver2.c #876] [@get_video_dudio] IPC open status: 0 [serial/shellCmd2/toolserver2.c #877] [@get_video_dudio] video is main or sub: 0	

General	Audio Test	infraredLight	Switch the live view page to visible light mode or IR light mode.	infraredLight {n}	n: 0-visible light，1-IR	# infraredLight 0 GUI[ctl]|mainCtr[59619.388511] _vdoprc_config_out_ext:-out5:size(0,0) is zero? l/UI/gui_common.[59619.395595] _vdoprc_config_out_ext:-out5:size(0,0) is zero? c|gui_Infrared_l[59619.403422] _isf_frc_start:-vdoprc15: [frc] is under control, cannot start. ight_switch|3678:recvBuf is 0 G[59619.414200] _isf_frc_start:-vdoprc05: [frc] is under control, cannot start. UI[ctl]|mainCtrl/UI/gui_common.c|gui_face_authent_video_dispaly_[59619.426258] _isf_frc_start:-vdoprc05: [frc] is under control, cannot start. switch|1238:@@ . [DSP] INFO|disp_drv.c|Disp_drvStop|943: uiVoChn < 0 > uiEnable = 0 [DSP] INFO|disp_drv.c|Disp_drvStop|943: uiVoChn < 1 > uiEnable = 0 [DSP] INFO|dfr_drv.c|Dfr_drvSetDrawRect|1811: draw face rect 576 1024 device 671 [DSP] INFO|dfr_drv.c|Dfr_drvSetDrawRect|1835: draw type 0x0 w 576 h 1024 bDrawRect 1 [DSP] INFO|disp_drv.c|Disp_drvSetVideoRegion|391: i 0 vpssDup 0x24000106 vpssChan 1 uiCropx 672 28 576 1024 GUI[err]|mainCtrl/UI/gui_common.c|gui_video_display_control_tailoring|981:SendCmdToDsp HOST_CMD_SET_OUTPUT_REGION err!!! [DSP] INFO|dfr_drv.c|Dfr_drvSetDrawRect|1811: draw face rect 576 1024 device 671 [DSP] INFO|dfr_drv.c|Dfr_drvSetDrawRect|1835: draw type 0x0 w 576 h 1024 bDrawRect 1 [DSP] INFO|disp_drv.c|Disp_drvSetVideoRegion|391: i 0 vpssDup 0x24010106 vpssChan 1 uiCropx 672 28 576 1024 GUI[err]|mainCtrl/UI/gui_common.c|gui_video_display_control_tailoring|987:SendCmdToDsp HOST_CMD_SET_OUTPUT_REGION err!!! [DSP] INFO|disp_hal_drv.c|DispHal_drvRotation|1332: app set vo rotation 0x5a0000 dir 0x105a0000 [DSP] INFO|disp_hal_drv.c|DispHal_drvRotation|1335: dir 0x105a0000 [DSP] INFO|disp_hal_drv.c|Hal_drvEnableChn|839: uiDev 0 uiChn 0 started ! [DSP] INFO|dup_hal.c|DupHal_drvDupChnStart|1074: vproc start path 0x24000105 [DSP] INFO|dup_tsk.c|Dup_opBindBlit|513: disp depth 0	
General	Audio Test	setAiVolume	Adjust MIC volume.	setAiVolume {x}	x:0-10	# setAiVolume 1 <set_ai_volume, 1916>1 [Sound] ADC [AD1 0dB] channelMask 0x10000, vol 1(0x2F:0x0) #	
General	Audio Test	setAoVolume	Adjust the loudspeaker volume.	setAoVolume {y}	y:0-10	# setAoVolume 10 <set_ao_volume, 1938>10 [Sound] DAC [Vo10 4.5dB] channelMask 0x2, vol 10(0xAF(0xAF)-0x5-0x8) #	
General	Audio Test	triggerAlarm	Analog triggering alarm.	triggerAlarm {n}	n: alarm input channel No.	# triggerAlarm 1	
General	Audio Test	videoInput	Video input settings.	videoInput {x}	x 1:Enable video output 0:Disable video output	# videoInput 1 [DSP] encHostCmd.c|HostStartEncode|109: chan 0 # videoInput 0 [DSP] encHostCmd.c|HostStopEncode|126: chan 0 #	
General	Audio Test	playRing	Play the audio file saved in the specified path. The path must be full path.	playRing {xxx}	Parameter xxx: Full Path of Audio File	# playRing C:\Users\gaoxingpeng5\Music\Test [07-11 19:47:47][DSP][ERROR][hardwareif/hi3516av200/dsp/dsp.c 3385]OPEN FILE ERR![C:Usersgaoxingpeng5MusicTest]	
General	Capture	capturePic	Capture serial port command.	capturePic	N/A	# capturePic #	
General	Capture	delScreenShot	Delete the screenshots saved in A:/screenshot.ppm screenshot	delScreenShot	N/A	# delScreenShot	
General	Capture	screenShot	Save screenshots to A:/screenshot.ppm	screenShot	N/A	# screenShot	

Test	External Module	checkTime	Time synchronization command of smart lock.	checkTime {xxx}	Parameter xxx: Serial Number of Smart Lock	# checkTime 123 # #	
Test	External Module	defence	Remote arming and disarming command of smart lock.	defence {xxx yyy}	Parameter xxx: Serial Number Parameter yyy: 1 indicates arming, and 0 indicates disarming	# defence 123 1 # #	
Test	External Module	getDoorGating	Get status of secure door control unit.	getDoorGating	N/A	# getDoorGating Door gating status is offline	
Test	External Module	getExtStatus	Get extension module status.	getExtStatus	N/A	# getExtStatus ext module status is online	
General	External Module	getBothIRLightValue	Get brightness value of white light and IR light.	getBothIRLightValue	N/A	# getBothIRLightValue ###byLightValue:0, byIrLightValue:100 byLightValue 0, byIrLightValue:100.	
General	External Module	getFlag	Get screen display status.	getFlag	N/A	# getFlag Closing screen is allowed currently. #	
General	External Module	setFlag	Set screen display status.	setFlag {x}	Parameter x: 1: Allow Screen off 0: Do Not Allow Screen off”	# setFlag 1 <serial/shellCmd/toolserver.c, 1538>buf: 1, flag: 1 # setFlag 0 <serial/shellCmd/toolserver.c, 1538>buf: 0, flag: 0 #	
General	External Module	getGpio	Get pin configuration of GPIO.	getGpio {x_y_z}	Parameter x: Parameter y: Parameter z:	# getGpio 1_1_1 <t1_get_gpio, 741>1_1_1 gpio_320.value =0 #	
General	External Module	setGpio	Pin configuration of GPIO.	setGpio {x_y_z}	Parameter x: Parameter y: Parameter z:	# setGpio 1_1_1 <t1_set_gpio, 693>1_1_1 #	
General	External Module	getWifiDebug	Get Wi-Fi debugging level.	getWifiDebug	N/A	# getWifiDebug debug_level is 5 #	
General	External Module	openLcd	Open LCD screen.	openlcd {n}	If n=0, turn off the LCD display, otherwise open the LCD display	# openLcd 0 close Lcd screen[240895.909619] [DDM] ERROR [DDM_ledIoctl|124] Invalid led func 3!!! # openLcd 1 open Lcd screen	

Test	External Module	openLock	Remote unlocking command of smart lock.	openLock {xxx yyy}	Parameter xxx: Serial Number of Smart Lock
					Parameter yyy: Password of Smart Lock
						# openLock 111 hik12345
						recvbuf = 111 hik12345 , len = 13
						
						#
						#	

General	External Module	setIRLightValue	Set IR light brightness.	setIRLightValue	N/A	# setIRLightValue value:0 hwif_set_pwm_ir value is 0, ret:0.	
General	External Module	setLcdBrightness	Set screen backlight brightness.	setLcdBrightness {xx}	xx: (0-100)	# setLcdBrightness 50	
General	External Module	setLightValue	Set white light brightness.	setLightValue	N/A	# setLightValue value:0 hwif_set_pwm_light value is 0, ret:0.	
Test	Simulation Operation	setLight	Set white light brightness/IR light brightness/screen backlight brightness.	setLight {n}	Parameter n: 1: White Light Brightness (Range: 0~100) 2: IR Light Brightness (Range: 0~100) 3: Screen Backlight (Range: 0~100)	# setLight 1 50 hwif_get_lightfd : lightfd = 0,brightness = 50	

Test	External Module - Wi-Fi	kb wifi+ssid	Wi-Fi test.	kb wifi{ssid}	ssid: ssid of Wi-Fi	# kb wifiGYLTEST	

General	External Module - Wi-Fi	setWifiDebug	Set Wi-Fi debugging level.	setWifiDebug {x}	Parameter x:
					enum {
					MSG_EXCESSIVE, MSG_MSGDUMP, MSG_DEBUG, MSG_INFO, MSG_WARNING, MSG_ERROR, MSG_BUTT
					};
						# setWifiDebug 1
						#	

Test	External Module - Wi-Fi	wifi	Wi-Fi test.	wifi {cmdline}	cmdline: (Open、close、scan、add:ssid:passwd、enable:n、disable:n、select:n、list、status、signal、save、aaa、setip:ip: Subnet mask、getip、setgw: Gateway ip、endhcp、disdhcp、showdhcp、update、setdl:n、getdl、quit)	# wifi open rfkill: Cannot open RFKILL control device wpa_supplicant start --------- ctrl->local.sun_path:/tmp/wpa_ctrl_679-3, ctrl->dest.sun_path:/var/run/wpa_supplicant/wlan0 --->fd:56 --------- ctrl->local.sun_path:/tmp/wpa_ctrl_679-4, ctrl->dest.sun_path:/var/run/wpa_supplicant/wlan0 --->fd:61 wpa_cli start # wifi list network id / ssid / bssid / flags	
General	External Module - Wi-Fi	wifiClose	Disable Wi-Fi.	wifiClose	N/A	# wifiClose ---------- CLOSE WIFI ---------- <<------------ [<3>CTRL-EVENT-STATE-CHANGE id=-1 state=0 BSSID=00:00:00:00:00:00 SSID=] pos= ssid to gb2312 success! pbySsid=, bySsid=, pbySsidResult= ssidstatus= gb2312_ssid= ------- try to stop DHCP client! ... ERROR!!! IP 0.0.0.0, err status: DISCONNECTED, WIFI_STATUS_CONNECTING->WIFI_STATUS_DISCONNECTED, network_id:-1, ssid:.	
Test	External Module - Wi-Fi	wifiConnect	Wi-Fi connection test; The ssid is ACS_TEST; The password is 12345678.	wifiConnect	N/A	# wifiConnect ---------- WIFI CONNECT SUCCESS ----------	
General	External Module - Wi-Fi	wifiOpen	Enable Wi-Fi.	wifiOpen	N/A	# wifiOpen wifi config /home/config/wpa.bin exist! ctrl_interface=/var/run/wpa_supplicant update_config=1	

General	External Module - Wi-Fi	wifiScan	Scan Wi-Fi list.	wifiScan	N/A	# wifiScan <<---------- [<3>CTRL-EVENT-STATE-CHANGE id=-1 state=3 BSSID=00:00:00:00:00:00 SSID=] pos= ssid to gb2312 success! pbySsid=, bySsid=, pbySsidResult= ssidstatus= gb2312_ssid= status: SCANNING, WIFI_STATUS_CLOSED->WIFI_STATUS_CONNECTING, network_id:-1, ssid:. ---------- WIFI SCAN ----------	
Test	External Module - Wi-Fi	wifiTest	Wi-Fi test.	wifiTest cmdline(open、close、scan、connect:、setip:、getip、setgw:、status、list、signal、save、setdl:、getdl、endhcp、disdhcp、showdhcp、quit)	wifiTest open; Turn on Wi-Fi wifiTest close; Turn off Wi-Fi wifiTest scan; Turn on Wi-Fi scanning wifiTest connect: ACS: 12345678; connect ACS Hotspot Name Wi-Fi; wifiTest setip: 192.168.1.2:255.255.255.0; when the Wi-Fi is statically connected, set the Wi-Fi network card IP and the subnet mask; wifiTest getip Get Wi-Fi Network Card IP wifiTest setgw: 192.168.1.254 Set Wi-Fi NIC Gateway wifiTest status Displays Wi-Fi Connection State wifiTest list Get all Wi-Fi List Information; wifiTest signal Get Wi-Fi Signal Strength wifiTest save Save the connection Wi-Fi Hotspot Name and Password to Configuration File; wifiTest setdl: 4 Set Wi-Fi Module Print Level wifiTest getdl Get the current Wi-Fi Module Print Level wifiTest endhcp Enable Wi-Fi DHCP wifiTest disdhcp Turn off Wi-Fi DHCP wifiTest showdhcp Display Wi-Fi DHCP State wifiTest quit Quit Wi-Fi debugging	# wifiTest open <event/wifi/wifiLib/wifi.c, 151>-------rec WIFI_CTRL_OPEN_WIFI msg!	
General	External Module - 4G	showGprsAtPrint	Print AT command's executing process in the 4G module, usr notifies dial: Control printing status of AT module: 0-disenable, Corresponding printing status (Controlled by bit)	showGprsAtPrint {n}	n: (0~255)	# showGprsAtPrint 1	
Test	External Module - Card Reader	WGRDTest	Test Wiegand card reader.	WGRDTest ok_on WGRDTest err_on WGRDTest buz_on	ok_on Correct Signal Light Err_on Error Signal Light Buz_on Buzzer	# WGRDTest	

Test	External Module - Card Reader	wgtest	Send data by Wiegand protocol.	wgtest cad:XXXXXXXX
				wgtest pad:XXXXXXXX
					cad: Send card No.
					pad: Send by keypad value.
						# wgtest cad:1234565
						value========1234565
						byInputType 0x10
						pbyCardNo 1234565, bycardlen 7	

Test	GUI	debug_gui_print	Print debugging information (names and handles) of all current UI windows.	debug_gui_print	N/A	# debug_gui_print GUI[ctl]|mainCtrl/UI/gui_debug.c|gui_debug_print_window|272:the window num of OutPort(0) is 1 GUI[ctl]|mainCtrl/UI/gui_debug.c|gui_debug_print_window|276:port0 window(desktop) is 1672510248 GUI[ctl]|mainCtrl/UI/gui_debug.c|gui_debug_print_window|272:the window num of OutPort(1) is 0 GUI[ctl]|mainCtrl/UI/gui_debug.c|gui_debug_print_window|280:gui_get_toplevel_hwnd(0) = 1672510248 GUI[ctl]|mainCtrl/UI/gui_debug.c|gui_debug_print_window|281:gui_get_toplevel_hwnd(1) = 0	
Test	GUI	debug_gui_send	UI debugging commands.	debug_gui_send {xxx}	xxx: (0~25)	# debug_gui_send 1 GUI[ctl]|mainCtrl/UI/gui_debug.c|gui_debug_send_message|659:recvBuf is 1 GUI[ctl]|mainCtrl/UI/gui_app.c|gui_transform_id_card_info|120:pAuthentParam->dwAuthResult = 0 GUI[err]|mainCtrl/UI/gui_app.c|gui_transform_id_card_info|140:user name Jack GUI[err]|mainCtrl/UI/gui_app.c|gui_utf16le_to_code|2056:call WCS2MBSEx failed, -1, pBuffer_dst is GUI[err]|mainCtrl/UI/gui_app.c|gui_transform_id_card_info|148:call gui_utf16le_to_code failed, sTemp is GUI[err]|mainCtrl/UI/gui_app.c|gui_transform_id_card_info|189:work ID 12345678123456789012345678 90 GUI[err]|mainCtrl/UI/gui_app.c|gui_transform_id_card_info|422:the len of user BirthData is too long, 16 GUI[err]|mainCtrl/UI/gui_app.c|gui_utf16le_to_code|2056:call WCS2MBSEx failed, -1, pBuffer_dst is GUI[err]|mainCtrl/UI/gui_app.c|gui_utf16le_to_code|2056:call WCS2MBSEx failed, -1, pBuffer_dst is GUI[err]|mainCtrl/UI/gui_app.c|gui_transform_id_card_info|450:call gui_code_convert_to failed	
Test	GUI	getHwnd	Get window handles.	getHwnd	N/A	# getHwnd <serial/shellCmd/toolserver.c, 874>Desk window handle: 37036104 <serial/shellCmd/toolserver.c, 876>Receiving call window handle: -1 <serial/shellCmd/toolserver.c, 878>Calling window handle: -1 <serial/shellCmd/toolserver.c, 880>Calling from window handle: -1 #	

Test	GUI	gui_debug_send	Window control command of UI module.	gui_debug_send {num}	num: (0-19) num=0: Channel 0 UI Screenshot;
					num=1: Channel 1 UI Screenshot;
					num=2: Channel 2 UI Screenshot;
					num=3: Channel 3 UI Screenshot;
					num=4: Open UI Automated Testing;
					num=5: End UI Automated Testing;
					num=6: The simulation permission verification result is sent to the UI;
					num=7: The simulation card number is sent to the UI;
					num=8: The first simulation fingerprint collection result is sent to the UI;
					num=9: The second simulation fingerprint collection result is sent to the UI;
					num=10: White Screen Test;
					num=11: Reserved;
					num=12: Long Press OK Button for 3s Simulation;
					num=13: Short Press Simulation;
					num=14: Close the Message Processing of the UI Main Window;
					num=15: Automatically Simulate UI Interface Switching and Capture Screen;
					num=16: Capture Current UI Interface;
					num=17: Export Screenshot;
					num=18: End GUI Thread;
					num=19: Reserved;
						# gui_debug_send 1
						
						Result: Save the current interface's shortscreen in the directory: /home/config/	

Test	GUI	guiSnapAutoUpload	Enable automatically uploading captured pictures.	guiSnapAutoUpload {xx}	xx: 1- Enable Automatic Upload; Not 1- Disable Automatic Upload	# guiSnapAutoUpload	
Test	GUI	RecordTp	Record the coordinate event, "Recordtp + cmd"; Parse cmd to execute the corresponding function; Input the cmd "start" to start recording, "stop" to stop recording, "clean" to clear the recording, "play" to start automatically click, and "playover" to stop automatically click.	RecordTp {cmd}	cmd: (start、stop、clean、play、playover)	# RecordTp start !!!!!!! play_tp_record start count: 1 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 2 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 3 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 4 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 5 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 6 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 7 !!!!!!!!!!!! play_tp_record:723, Exit play tp record !!!!!!! play_tp_record start count: 8 !!!!!!!!!!!!	
Test	GUI	setVoutIdx	Set the output mode of menu.	setVoutIdx	N/A	# setVoutIdx set vout to <auto detection>. ==========set vout index(0) successfully========== ==========now i'm going to reboot device========== Reboot device.	

Test	Recognition - Fingerprint	delmb	Delete fingerprint template according to fingerprint ID.	delmb {N}	N indicates the fingerprint ID. When N=0, it means clearing all fingerprint template data.	# delmb 1 1 ----------FpId = 1 ---------- [fpi_hik.c hik_del_mb:#2487]: hik_del_mb[1] ----------FPI_Del ret = 0----------	
Test	Recognition - Fingerprint	fpi_autotest	Fingerprint module automated test interface.	fpi_autotest	N/A	# fpi_autotest FPI_AutoTest before freescan. hik_del_all_mb ####################FPI_FreeScan_Close##################### FPI_AutoTest after freescan. please put on your finger times = 1 !!	
Test	Recognition - Fingerprint	fpi_debug	Import fingerprint template for user experience.	fpi_debug {enroll_by_folder:/mnt/fptem	Mount the file path to the device: /mnt	# fpi_debug {enroll_by_folder:/mnt/fptemplate} recvBuf: [{enroll_by_folder:/mnt/fptemplate}] sendBuf: [] bycmd: {enroll_by_folder:/mnt/fptemplate}	
Test	Recognition - Fingerprint	fpi_enroll	Debug fingerprint adding port.	fpi_enroll	N/A	# fpi_enroll [ERR][mainCtrl/fpi.c #720]: ####################FPI_FreeScan_Close##################### please put on your finger times = 1 !!	
Test	Recognition - Fingerprint	fpi_fun	Self-Test: Internal debugging interface.	fpi_fun	N/A	# fpi_fun ####################FPI_FreeScan_Close###########	
Test	Recognition - Fingerprint	fpi_get_image	Control USB flash drive to collect real-time fingerprint pictures.	1.fpi_get_image start 2.fpi_get_image start_always_open 3.fpi_get_image close	1. It means to enable collecting fingerprint pictures by the USB flash drive. It will disable automatically when there is no fingerprint collection action for 10 minutes. 2. It means to enable collecting fingerprint pictures by the USB flash drive all the time. 3. Disable collecting fingerprint pictures by the USB flash drive.	# fpi_get_image -------dwstatus = ---------- --------dwIsUDebug 0 (0: close, 1: open,2:always open)----------	
Test	Recognition - Fingerprint	fpi_get_mb	Get and print all fingerprint template data of a certain employee ID.	fpi_get_mb {n}	n indicates the employee ID	# fpi_get_mb 1 worid is 1 workid 1 fpnum is 1 fingerid 1 fpid 1 fptype0 centertype is 0 cardno is [] MB [len:512]:	
Test	Recognition - Fingerprint	fpi_get_num	Get fingerprint number relationship (relationship table and fingerprint template).	fpi_get_num	N/A	# fpi_get_num user.db fingerprint num is 1;fpmb.db fingerprint num is 1	
Test	Recognition - Fingerprint	fpi_identity	Debugging port of fingerprint module recognition.	fpi_identity	N/A	# fpi_identity ####################FPI_FreeScan_Close#####################	
Test	Recognition - Fingerprint	fpi_show_fp_version	Get the fingerprint module version.	fpi_show_fp_version	N/A	# fpi_show_fp_version ********** FINGER_PRINT_MODULE: DS-K1002F-OR_AS608_GC0308_CDROM_5000_V2.2.0_Build[20190306] ********** get dev info [V2.2.0 build 20190306]	
General	Recognition - Fingerprint	fpiupgrade	Test: Upgrade the fingerprint module software. The update file is saved in /home/config/finger_firmware.bin	fpiupgrade	N/A	# fpiupgrade [fingerprint/fpi_ds_k1000f_usb.c #261]: open /home/config/finger_firmware.bin is failed :2 ! ---------upgrade finished----- FPI_module_upgrade failed ! analysis shell cmd failed	

General	Recognition - Fingerprint	fpiversion	Get fingerprint module version and algorithm version.	fpiversion	N/A	# fpiversion HIKFPI_dev_version[DS-K1032F-TCS2_STM32_TCS_CDROM_5000_V2.2.0_Build[20190306]]. HIKFPI_sdk_version[AIS_FPM_AI3_V1.0.3_build190613].	
General	SDK	showUserInfo	Print user information of all logged-in devices.	showUserInfo	N/A	# showUserInfo User ID: 870841 username : admin, login at 2019-06-23 19:51:02 permission : 0xffffffff, expireTime = 2019-06-24 16:39:15 NetWork user, clientIp = 0x1c70070a, socketIp = 0x1c70070a MAC address: ffffffe0:ffffffd5:5e:ffffff8a:1d:ffffffde User ID: 753627 username : admin, login at 2019-06-22 11:10:35 permission : 0xffffffff, expireTime = 2019-06-24 16:39:40 NetWork user, clientIp = 0x3570070a, socketIp = 0x3570070a MAC address: ffffff94:ffffffc6:ffffff91:29:ffffff89:ffffffe2 Total 2 users logined. #	
General	SDK	setOperateAuth	Set SDK command verification.	setOperateAuth {xxx y}	Parameter x: Device Password Parameter y: 1 means turn on verification, and 0 means turn off verification	# setOperateAuth hik12345 1 open operate auth success! #	
General	SDK	setRemoteDeviceLanguage	Remotely sets the language of other devices by SDK.	setRemoteDeviceLanguage {ip passowrd language}	Get help from setRemoteDeviceLanguage help	# setRemoteDeviceLanguage 10.7.115.170 hik12345 English [SDKC ERR]:LoginDevice , 587 : connect err, ip:hik12345, port:8000 Login device failed...	
General	EHome	ehomeNetTypeGet	Get the network type currently used by EHome. 255 means not connected.	ehomeNetTypeGet	N/A	# ehomeNetTypeGet ehome current netType is 255. (0-eth0, 1-eth1, 2-wifi, 3-3G4G)	
General	EHome	showEhomeRegisterpara	Display EHome registration returning parameters.	showEhomeRegisterpara	N/A	# showEhomeRegisterpara ===Ehome register return para=== KeepAliveSeconds: 6 AlarmServerIP: 10.7.113.27 AlarmServerPort: 7660 NTPServerIP: 10.17.132.25 NTPServerPort: 12349 NTPInterval: 35264 enableNTP: 0 PictureServer: 10.7.113.61 PictureServerPort: 8080 PictureServerType: 3 PictureServerUser: PictureServerPassword: cipherFlag: 1 svrVersion: 4.0 cfgIp: 10.7.113.27 cfgPort: 7661 ==================================	
General	EHome	show_ehome_status	Display EHome status.	show_ehome_status	N/A	# show_ehome_status	

General	EZVIZ	getEzvizinfo	Get EZVIZ service paraemeters.	getEzvizinfo	Print Opensdk info: V1.5.55.1 build 190222 (Version Number of EZVIZ SDK) Print Opensdk Stream mode: (Streaming Method and session id) len 101 stream session 10001, 183.136.184.184:36811 no file session talk session 30000, 183.136.184.32:16688 Show server: (Server Address and Port Related to EZVIZ) LBS litedev.ys7.com: 8666 ALARM alarm.ys7.com: 7400 DAS 183.136.184.171:6808 STUN1 112.17.34.131:6030 STUN2 112.17.34.132:6031 Appkey:9cde57cb3a254e8d836a5b1dcee5b2ec(EZVIZ appkey) Token: (EZVIZ token) Dev login: 1 (Device Registration State, 0 is not registered, 1 is registered) Ezviz userid: e44034c5177e219d (bound to user ID, empty means the device is not bound)	# getEzvizinfo Print Opensdk info:V1.5.55.1 build 190222 Print Opensdk Stream mode: len 50 no stream session no file session no talk session Show server: LBS litedev.ys7.com:8666 ALARM alarm.ys7.com:7400 DAS 183.136.184.168:6809 STUN1 183.136.184.134:6013 STUN2 183.136.184.135:6014 appkey:9cde57cb3a254e8d836a5b1dcee5b2ec token: Dev login:0 Ezviz userid:e44034c5177e219d #	
General	EZVIZ	show_server	Display das server address of EZVIZ.	show_server	N/A	# show_server LBS :0 ALARM :0 DAS :0 STUN1 :0 STUN2 :0	
General	Wuhan Cloud	showCloudInfo	Display Wuhan cloud parameters.	showCloudInfo	N/A	# showCloudInfo ===picserver type 3 ===cloud information para=== source_type:(2/3) 0 pictureServerType: 0 addressingFormatType: 0 hostName: ipv4Address: ipv6Address: portNo: 0 cloudManageHttpPort: 0 cloudTransDataPort: 0 cloudCmdPort: 0 cloudHeartBeatPort: 0 cloudStorageHttpPort: 0 cloudUsername: cloudPassword: cloudPoolId: 0 cloudPoolIdStr: clouldProtocolVersion: clouldAccessKey: clouldSecretKey: long-connect status: 0(1:ture) ==================================	

General	SADP	showSadpList	Display sadp device information.	showSadpList	N/A	# showSadpList cnt_used: 32 dev_type:e000 dev_type:10.7.115.38 dev_type:DS-KH8301-A dev_type:e001 dev_type:10.7.115.241 dev_type:DS-KD8102-V dev_type:e044 dev_type:10.7.115.193 dev_type:DS-KD8402-2A dev_type:e008 dev_type:10.7.115.239 dev_type:DS-KH8301-AS dev_type:e04a dev_type:10.7.115.179 dev_type:DS-KD8102-VB dev_type:e035 dev_type:10.7.115.31 dev_type:DS-KH6210XY(L) dev_type:e044 dev_type:192.0.0.65 dev_type:DS-KD8402-2A dev_type:e090 dev_type:10.7.115.245 dev_type:DS-KH8350-WTE1 dev_type:e002 dev_type:10.7.115.82 dev_type:DS-KMJ-301 dev_type:e099 dev_type:10.7.115.206 dev_type:DS-KH8350-TE1 dev_type:e099 dev_type:10.7.115.181 dev_type:DS-KH8350	
Test	Recognition - Face	faceDebugInfoCtl	Set face module debugging level.	faceDebugInfoCtl {n}	When n=0, turn off debugging printing, otherwise turn on debugging printing	# faceDebugInfoCtl 1	
Test	Recognition - Face	faceDelByTypeDebug	Test: Delete face by face type.	faceDelByTypeDebug faceType(0-white,1-black)	N/A	# faceDelByTypeDebug 0 eg: faceDelByTypeDebug faceType faceType(0-white,1-black) ^^recvBuf:0 ^^byFaceType:0 **face_id_all_clear white ----------verifyset ret = 0----------	
Test	Recognition - Face	faceEyeDisset	Set pupillary distance.	faceEyeDisset {n}	(n:0~100)	# faceEyeDisset 50 eyedis:50 begin to write devCfg.bin! write devCfg.bin over! faceEyeDisSet value is 50, ret:0.	
Test	Recognition - Face	faceFacePosX1set	Set the left margin of the face initial point.	faceFacePosX1set {n}	(n:0~100)	# faceFacePosX1set 1 X1:1 begin to write devCfg.bin! write devCfg.bin over! faceFacePosX1Set value is 1, ret:0.	
Test	Recognition - Face	faceFacePosX2set	Set the right margin of the face initial point.	faceFacePosX2set {n}	(n:0~100)	# faceFacePosX2set 1 X2:1 begin to write devCfg.bin! write devCfg.bin over! faceFacePosX2Set value is 1, ret:0.	
Test	Recognition - Face	faceFacePosY1set	Set the top margin of the face initial point.	faceFacePosY1set {n}	(n:0~100)	# faceFacePosY1set 2 Y1:2 begin to write devCfg.bin! write devCfg.bin over! faceFacePosY1Set value is 2, ret:0.	
Test	Recognition - Face	faceFacePosY2set	Set the bottom margin of the face initial point.	faceFacePosY2set {n}	(n:0~100)	# Feed dog is working properly. faceFacePosY2set 2 Y2:2 begin to write devCfg.bin! write devCfg.bin over! faceFacePosY2Set value is 2, ret:0.	
Test	Recognition - Face	faceHeightset	Set face height.	faceHeightset {n}	(n:0~100)	# faceHeightset 51 height:51 begin to write devCfg.bin! write devCfg.bin over! faceHeightSet value is 51, ret:0.	

Test	Recognition - Face	faceJpegRegisterDebug	Test the registration face in JPEG format.	faceJpegRegisterDebug faceType.cardNum	N/A	# faceJpegRegisterDebug 1.1 eg: facejpegRegisterDebug faceType.dataType.cardNum faceType(0-white,1-black).cardNum[20] ^^recvBuf:1.1 ####byFaceType:1 ####byDataType:0 ####cardNum:1 analysis shell cmd failed!	
Test	Recognition - Face	facePitchset	Set face pitching angle.	facePitchset {n}	(n:0~100)	# facePitchset 50 pitch:50 begin to write devCfg.bin! write devCfg.bin over! facePitchSet value is 50, ret:0.	
Test	Recognition - Face	faceverify1to1ModelDebug	Face 1:1 authentication mode test.	faceverify1to1ModelDebug {cardnum}	cardnum: Card Number	# faceverify1to1ModelDebug 1 [2019-06-17 21:21:28][INFO][verify]|acs_user_verify_start|2333|acs_user_verify_start start do ----------verifyset ret = 0---------- [2019-06-17 21:21:28][INFO][FACEALGO]|face_algo_engine_set_to_idle_mode|1948|face algo engine set to IDLE mode	
Test	Recognition - Face	faceVerifyPicGet	Get face authentication picture.	faceVerifyPicGet	N/A	# faceVerifyPicGet [190618140800]:[2] Total: 1	
Test	Recognition - Face	faceWidthExtset	Set face width.	faceWidthExtset {n}	(n:0~100)	# faceWidthExtset 50 widthExt:50 begin to write devCfg.bin! write devCfg.bin over! faceWidthExtSet value is 50, ret:0.	
Test	Recognition - Face	faceYawset	Set face yaw angle.	faceYawset {n}	(n:0~100)	# faceYawset 50 yaw:50 begin to write devCfg.bin! write devCfg.bin over! facePitchSet value is 50, ret:0.	
Test	Recognition - Face	FLDset	Set face anti-spoofing parameters.	FLDset {n}	(n:0~3)	# FLDset 1	
General	Recognition - Face	getFaceWhiteBlkNum	Get the face number in white list and black list.	getFaceWhiteBlkNum	N/A	# getFaceWhiteBlkNum get_dfr_whith_black_Model_Num 2765,HOST_CMD_FR_GET_BLKLIST_NUMS failed. @@@@@@get_dfr_whith_black_Model_Num failed. [2019-06-18 11:40:52][ERROR][anymouse]|TX1_SendCmdToDsp|361| dspcmd 0x80080010 failed <db_select_count, 1492>Param error! @@@@@@ dwDbWhiteListNum:2, dwDfrWhiteListNum:0 @@@@@@ dwDbBlkListNum:0, dwDfrBlkListNum:0	

Test	Recognition - Face	pic_1V1_test	Face 1:1 test.	pic_1V1_test	N/A	# pic_1V1_test open source dir succee /home/config/pic/enrlFace/0 scardNo:aaa [DSP] INFO|jdec_drv.c|Jdec_drvParse|573: the picture is jpg! [DSP] INFO|jdec_drv.c|Jdec_drvJpgProc|651: jpg hard is not init! jpg hard decode time is 18 us [DSP] INFO|jdec_drv.c|Jdec_drvSoftJpgProc|424: jpg soft decode ok! picMB err 272 db_get_face_info_by_cardno err 1410,shellServer/shellServer.c scardNo:aac [DSP] INFO|jdec_drv.c|Jdec_drvParse|573: the picture is jpg! [DSP] INFO|jdec_drv.c|Jdec_drvJpgProc|651: jpg hard is not init! jpg hard decode time is 94 us [DSP] INFO|jdec_drv.c|Jdec_drvSoftJpgProc|424: jpg soft decode ok! picMB err 272 db_get_face_info_by_cardno err 1410,shellServer/shellServer.c open source dir succee /home/config/pic/enrlFace/1 open source dir succee /home/config/pic/enrlFace/2 open source dir succee /home/config/pic/enrlFace/3 open source dir succee /home/config/pic/enrlFace/4 open source dir failed /home/config/pic/enrlFace/5, 2, No such file or directory analysis shell cmd failed!	
Test	Recognition - Face	pic_1VN_test	Face 1:N test.	pic_1VN_test	N/A	# pic_1VN_test open source dir succee /home/config/pic/enrlFace/0 [DSP] INFO|jdec_drv.c|Jdec_drvParse|573: the picture is jpg! [DSP] INFO|jdec_drv.c|Jdec_drvJpgProc|651: jpg hard is not init! jpg hard decode time is 17 us [DSP] INFO|jdec_drv.c|Jdec_drvSoftJpgProc|424: jpg soft decode ok! FaceID:[1],Simi:[1.000000], dbMBsize[768] [DSP] INFO|jdec_drv.c|Jdec_drvParse|573: the picture is jpg! [DSP] INFO|jdec_drv.c|Jdec_drvJpgProc|651: jpg hard is not init! jpg hard decode time is 17 us [DSP] INFO|jdec_drv.c|Jdec_drvSoftJpgProc|424: jpg soft decode ok! FaceID:[2],Simi:[1.000000], dbMBsize[768] open source dir succee /home/config/pic/enrlFace/1 open source dir succee /home/config/pic/enrlFace/2 open source dir succee /home/config/pic/enrlFace/3 open source dir succee /home/config/pic/enrlFace/4 ^^^ 1VN game over picNo = [2], totalMB = [2], errPicNo =[0]	
Test	Recognition - Face	saveFacePic	Save face pictures.	saveFacePic	N/A	# saveFacePic [2019-06-17 21:17:07][WARN][PASS_PIC]|face_pic_disable|410| ----- send_mq_to_save_pic cancel ! ---- facePassPic -1!	
Test	Recognition - Face	printUserNo	Get and print all employee ID.	printUserNo	N/A	# printUserNo In_db. sSelectSql:SELECT sUserNo FROM personel_info; sUserNo=1 In_mem. dwUserNo=1	
Test	Recognition - Present Card	rftest_1t	RF test.	rftest_1t open rftest_1t close	open close	# rftest_1t open	

Test	Recognition - Present Card	sendcpucard	Send CPU card No. for test.	sendcpucard {cardnum}	cardnum: Card Number	# sendcpucard 1 shell sendCpuCard [DSP] INFO|dfr_drv.c|Dfr_drvFaceDetect|2080: runStatus 4 isBlackOrNight 0 [2019-06-18 11:35:20][INFO][verify]|acs_user_verify_start|2333|acs_user_verify_start start do [2019-06-18 11:35:20][INFO][FACEALGO]|face_algo_engine_set_to_idle_mode|1948|face algo engine set to IDLE mode [ERR][mainCtrl/userMng/userMng.c #3061]: sSelectSql:SELECT * FROM card_info WHERE sCardNo=''; [ERR][mainCtrl/userMng/userMng.c #3062]: db_get_card_info_by_sCardNo fail...pCardNo:	
Test	Recognition - Present Card	verifytest	Automatic test of card authentication.	verifytest card{cardNum}	cardnum: Card Number	# verifytest card:1 verify_auto_test recv:card:1 [DSP] INFO|dfr_drv.c|Dfr_drvFaceDetect|2080: runStatus 4 isBlackOrNight 0 [2019-06-18 16:11:58][INFO][NETSDK]|net_get_card_param_v50|33042|[SDK] Get card parametersV50[2019-06-18 16:11:58][INFO][NETSDK]|long_config_sent_callback_v50_enc|32927|get card param begin [2019-06-18 16:12:05][INFO][verify]|acs_user_verify_start|2333|acs_user_verify_start start do [2019-06-18 16:12:05][INFO][FACEALGO]|face_algo_engine_set_to_idle_mode|1948|face algo engine set to IDLE mode # [2019-06-18 16:12:05][ERROR][verify]|acs_user_verify_start|2461|verify type not needed: (0x20 0) [2019-06-18 16:12:05][INFO][verify]|acs_user_verify_start|2651|verify first done	
Test	Recognition - Bluetooth	setBlueToothPower	Set Bluetooth transmit power.	setBlueToothPower {xx}	Parameter xx: -260,30	# setBlueToothPower 20	
General	Recognition - Bluetooth	updateBlueToothCode	Update Bluetooth program.	updateBlueToothCode	N/A	# updateBlueToothCode	
Test	Database	sql_get_all_list	Internal test gets interface of attendance rules.	sql_get_all_list {n}	n=0 means to insert holiday plan n=1 means to get the adding plan n=2 means to get normal shift interfacde in the test. n=3 means to get man-hour shift interface in the test. n=4 means to get department interface	# sql_get_all_list 0 ----------dwVal = 0	
Test	Database	sql_get_event	Internal test gets event interface.	sql_get_event	N/A	# sql_get_event need compare card event_list count is 0 other_event_list count is 0 #######Total Event Number 0 ######### search event cnt :0	
Test	Database	sql_get_templete	Internal test gets interface of schedule template.	sql_get_templete	N/A	# sql_get_templete plan_template NO is 1	

Test	Database	sql_getDbNum	Get capacity of the current device.	sql_getDbNum	N/A	# sql_getDbNum User Number = 1 Shift schedule by individual number = 0 Department number = 32 Shift schedule by department number = 32 Holiday number of attendance = 1 Week schedule number = 1 Holiday number of access control = 0 Holiday number of attendance = 1 Schedule template number = 1 Fingerprint number = 1 Fingerprint template number = 1 Card Number = 1 Attendance record number = 1 Holiday group number of access control = 0 Valid attendance events number = 4 Other events number = 76 DEVICE_VALUE_SDK=858	
Test	Database	sql_insert	Write events to database.	sql_insert {n}	n=1 means to insert a device full of people n=2 means to insert attendance data n=3 means to insert all event types n=4 means to insert legal event type n=5 means to insert other event types	# sql_insert 1 ========== Use a correct parameter for test: insert operate Num operate-Num : Data parsing---------- operate :1 Insert user data table Num: User number operate :2 Insert attendance records table Num: Attendance number operate :4 Insert valid event table Num: Event number<80000 operate :5 Insert other event table Num: event number<20000 ==========	
Test	Production Test	t0	Test of intermediates.	t0 {n}	n:0~3	# t0 ========== Use a correct parameter for test [t0 n(n:0~3)] [t0 0] Test all modules except for 3G [t0 1] 3G test [t0 2] Loop self test [t0 3] Exit loop self test ========== # t0 1 t1_main fail, retVal = 1	

Test	Production Test	t1	T1 Test command.	t1 30	View test items t1 30	# t1 hjptestfor:recv:t1 [t1TestMaintype:0] ==========cpld Information========== Main board model: DS-17021 (Vx.x) , Main board for economic indoor station: IT9856TE ARM basic frequency: 400MHz SDRAM frequency: 400MHz DDR III SDRAM Controller bit wide: 64MB DDR II SDRAM (1 built-in 512Mb SDRAM , 1-16 bit interface) FLASH type: SPI NOR FLASH FLASH capacity: 16MB Encrypted chip type: no encrypted chip FPGA chip type: None cpld program version: Year of 2017, July 7th Device type: Intercom device RTC Internal/External: External Enable CPLD Program Date: Enable Audio input number: 0 Audio A/D chip type: ALC5616 Two-way audio input number: 1 Audio output number: 0 Audio output D/A chip type: ALC5616 Echo cancellation chip type: None MAC0 mode: RMII MAC1 mode: Disable MAC0 network transceiver: RTL8201F MAC0 network transceiver IP address: 3 MAC1 network transceiver IP address: 0 USB number: 0 USB HUB chip type: None Alarm input number: 8 Alarm output number: 1 VGA output number: 0 HDMI output number: 0 CVBS main port output number: 0 Supported RS232 number: 0 Supported half-duplex RS485 number: 1 Supported full-duplex RS485 number: 0 Touch chip: CY8CMBR3116 MCU: None 13.56M RF chip: None 125K RF chip: None WIFI: RTL8188EUS platform , USB interface SUB-1G RF chip: None LCD: 800*480-RGB Camera: None ## ==========t1 Start Test========== Start LED test.	

Test	Production Test	t1	Hardware test.	t1 {n}	n:0~25	# t1 1 t1_main fail, retVal = 1 ========== Use a correct parameter for test [t1 n(n:0~25)] [t1 0] Test all modules except for presenting card and fingerprint [t1 1] Test fingerprint for Public Security (TCS) and presenting card [t1 2] Test fingerprint for civil use PFC and presenting card [t1 3] Loop seft test [t1 4] 3G test [t1 5] RTC test [t1 6] Ping test [t1 7] USB0 test [t1 8] USB3 test [t1 9] NTP test [t1 10] WIFI test [t1 11] 485 test [t1 12] Optical fingerprint test [t1 13] Door contact and door lock test [t1 14] Wiegand test [t1 15] Alarm test [t1 16] PIR test [t1 17] Tampering test [t1 18] beep test [t1 19] Audio loop back test [t1 25] Exit loop self test ==========	Parameters are different.
Test	Production Test	t1	Hardware test.	t1 {n}	n's value: from 0 to 2 0: Test it 1: Execute loop test 2: Exit loop test	# t1 ========== Use a correct parameter for test [t1 n(n:0~2)] [t1 0] Test after seft test [t1 1] Loop seft test [t1 2] Exit loop seft test==========	
Test	Production Test	t2	Hardware test.	t2	N/A	# t2 Disable DHCP service, convenient for test.	

General	System Maintenance	help	Get help information of the device customized command.	help	N/A	# helpm !!!!!!!!!!!!!!!!!!!!vip commands usage: getIp :get the device's ip setIp :set the device's ip e.g:setIp 192.168.1.10:255.255.255.0 getGateway :get the device's gateway setGateway :set the device's gateway e.g:setGateway 192.168.1.254 getRtc :get time setRtc :set time e.g:setRtc 2009-4-15:15-30-00 ====================mng list Info========================== helpm :printf the command usage list shellMngListPrint :print shell manage list info ====================soft version========================= version :print soft version ====================out put ctrl========================= outputOpen :Open out put outputClose :Close out put errputOpen :Open err put errputClose :Close err put	Turnstile
General	System Maintenance	getInfo	Get device version.	getInfo	N/A		Turnstile
General	View Status	showUserInfo	View logged in user information on the device.	showUserInfo	N/A		Turnstile
General	View Status	rtcout	Set RTC as an external crystal oscillator.	rtcout	N/A		Turnstile
General	View Status	rtcinter	Set RTC as an internal crystal oscillator.	rtcinter	N/A		Turnstile
General	View Status	switch	View the DIP inforamtion.	switch	N/A		Turnstile
General	View Status	doorst	View the door status.	doorst	N/A		Turnstile
General	View Status	pushst	View the door button status.	pushst	N/A		Turnstile
General	View Status	casest	View the CASE input status.	casest	N/A		Turnstile
General	View Status	ping	The device performs ping action initiatively.	ping	ping：192.0.0.64		Turnstile
Test	System Maintenance	opendr	Open lock relay.	opendr	opendr：1		Turnstile
Test	System Maintenance	clsedr	Close lock relay.	clsedr	closedr：1		Turnstile
Test	System Maintenance	outset	Open alarm output relay.	outset	outset：1		Turnstile
Test	System Maintenance	outcls	Close alarm output relay.	outcls	outcls：1		Turnstile
General	System Maintenance	devlogget	Get exceptional event records.	devlogget	N/A		Turnstile
Test	System Maintenance	devlogclr	Clear exceptional event records.	devlogclr	N/A		Turnstile
General	System Maintenance	readerStatus	Print card reader status.	readerStatus	N/A		Turnstile
Test	System Maintenance	SetRegInterval	Configure the registration time interval for the card reader.	SetRegInterval	N/A		Turnstile
Test	System Maintenance	cardsort	Card sorting.	cardsort	N/A		Turnstile

Test	System Maintenance	cardread	Print the card storage block information.	cardread	cardread：0102 01 represents the No. of the card storage block. 02 represents the No. of the card storage block.		Exclusive Distribution
General	System Maintenance	cardcheck	Print the last 20 cards information in the list.	cardcheck	cardcheck：00001		H5
Test	System Maintenance	headertest	Get firmware head information.	headertest	N/A		E3
General	System Maintenance	sumtest	Print DST information.	sumtest	N/A		Exclusive Distribution
General	System Maintenance	getGateway	Get gateway information.	getGateway	N/A		Face Recognition Terminal, H5, Exclusive Distribution
General	System Maintenance	getIp	Get IP information.	getIp	N/A		H5
General	System Maintenance	Chencrypt	Print device encrypted information.	Chencrypt	N/A		E3
General	System Maintenance	getRtc	Get RTC time.	getRtc	N/A		Face Recognition Terminal, Exclusive Distribution
General	System Maintenance	setRtc	Configure RTC time.	setRtc {year-month-day:hour-minute-second}	N/A		Face Recognition Terminal, Exclusive Distribution
General	System Maintenance	codedata	Get parameters of opening door via password.	codedata	N/A		R0、H5
General	System Maintenance	hardinit	Hard reset for voice chip.	hardinit	N/A		R0、H5
General	System Maintenance	powerup	Power on the voice chip.	powerup	N/A		Face Recognition Terminal
General	System Maintenance	erasett	Erase voice chip data.	erasett	N/A		Face Recognition Terminal
General	System Maintenance	statustt	Print temperary storage of voice chip status.	statustt	N/A		Face Recognition Terminal
General	System Maintenance	playtt	Play audio file of the specified No.	playtt：05	N/A		Face Recognition Terminal

General	System Maintenance	gunzhapara	Print the barrier information of the tripod turnstile.	gunzhapara	N/A		Face Recognition Terminal
General	System Maintenance	getlock	View locked IP information.	getlock	N/A		H5
General	System Maintenance	reboot	Reboot device.	reboot	N/A		All Products
General	System Maintenance	sortfp	Neaten the self-developped fingerprint module relationship.	sortfp	N/A		H5
General	System Maintenance	pullOn	Close the barrier relay.	pullOn	N/A		H5
General	System Maintenance	pullOff	Open the barrier relay.	pullOff	N/A		Face Recognition Terminal, Exclusive Distribution
General	Basic Command	hiksdkOn	Open SDK printing information.	hiksdkOn	N/A		Face Recognition Terminal, R1, H5, Exclusive Distribution
General	Basic Command	hiksdkOff	Close SDK printing information.	hiksdkOff	N/A		Exclusive Distribution, H5
General	Basic Command	chanelOn	Open printing information of armed channe.	chanelOn	N/A		Face Recognition Terminal, Exclusive Distribution, H5
General	Basic Command	chanelOff	Close printing information of armed channel.	chanelOff	N/A		Face Recognition Terminal, Exclusive Distribution, H5
Test	Basic Command	stateOn	Open printing information of multi-factor authentication.	stateOn	N/A		Face Recognition Terminal
General	Basic Command	stateOff	Close printing information of multi-factor authentication.	stateOff	N/A		E3, H5
General	Basic Command	dooroptOn	Open printing information of opening door authentication.	dooroptOn	N/A		Face Recognition Terminal, R1, E3, H5, Exclusive Distribution

General	Basic Command	dooroptOff	Close printing information of opening door authentication.	dooroptOff	N/A		Face Recognition Terminal, H5, Exclusive Distribution, Door Station
General	Basic Command	setIp	Set IP address and subnet mask.	setIp：192.0.0.64:8000	setIp：192.0.0.64:8000		Face Recognition Terminal, H5, Exclusive Distribution, Door Station
General	Basic Command	logOn	Open log's printing information.	logOn	N/A		H5
General	Basic Command	logOff	Close log's printing information.	logOff	N/A		H5
General	Basic Command	accessOn	Open printing information of people counting in the lane.	accessOn	N/A		E3
General	Basic Command	accessOff	Close printing information of people counting in the lane.	accessOff			E3
General	Basic Command	i2cOn	Open printing information of IIC converting to UART chip.	i2cOn			Face Recognition Terminal, H5, Exclusive Distribution, Door Station
General	Basic Command	i2cOff	Close printing information of IIC converting to UART chip.	i2cOff	N/A		Face Recognition Terminal
General	Basic Command	485comon	Open printing information of RS-485 peripherals.	485comon	N/A		All Products
General	Basic Command	485comoff	Close printing information of RS-485 peripherals.	485comoff			All Products
General	Basic Command	weigenDebug On	Open printing information of Wiegand card reader.	weigenDebugOn			All Products
General	Basic Command	weigenDebug Off	Close printing information of Wiegand card reader.	weigenDebugOff			All Products
General	Basic Command	carddownOn	Open printing information of card downloading.	carddownOn			All Products
General	Basic Command	carddownOff	Close printing information of card downloading.	carddownOff			All Products
General	Basic Command	alarmOn	Open printing information of alarm.	alarmOn			All Products
General	Basic Command	alarmOff	Close printing information of alarm	alarmOff			All Products
General	Basic Command	selffingerOn	Open printing information of self-developped fingerprint module.	selffingerOn	N/A		All Products
General	Basic Command	selffingerOff	Close printing information of self-developped fingerprint module.	selffingerOff			All Products

General	Basic Command	ntpOn	Open printing information of NTP server.	ntpOn			All Products
General	Basic Command	ntpOff	Close printing information of NTP server.	ntpOff			All Products
General	Basic Command	lightOn	Open printing information of downlink light board.	lightOn			All Products
General	Basic Command	lightOff	Close printing information of downlink light board.	lightOff			All Products
General	Basic Command	fpOn	Open printing information of super fingerprint reader.	fpOn			All Products
General	Basic Command	fpOff	Close printing information of super fingerprint reader.	fpOff			All Products
General	Basic Command	sadpOn	Open printing information of SADP searching device.	sadpOn			All Products
General	Basic Command	sadpOff	Close printing information of SADP searching device.	sadpOff			All Products
General	Basic Command	produceOn	Open printing information of automatic test.	produceOn			All Products
General	Basic Command	produceOff	Close printing information of automatic test.	produceOff			All Products
General	Basic Command	idCardOn	Open printing information of ID card reader.	idCardOn			All Products
General	Basic Command	idCardOff	Close printing information of ID card reader.	idCardOff			All Products
General	Basic Command	icCardOn	Open printing information of IC card reader.	icCardOn			All Products
General	Basic Command	icCardOff	Close printing information of IC card reader.	icCardOff			All Products
General	Basic Command	2dCodeOn	Open printing information of QR code reader.	2dCodeOn			All Products
General	Basic Command	2dCodeOff	Close printing information of QR code reader.	2dCodeOff			All Products
General	Basic Command	selfdown485On	Open printing information of self-developped RS-485 card reader.	selfdown485On			All Products
General	Basic Command	selfdown485Off	Close printing information of self-developped RS-485 card reader.	selfdown485Off			All Products
General	Basic Command	antiOn	Open printing information of anti-passback.	antiOn			All Products
General	Basic Command	antiOff	Close printing information of anti-passback.	antiOff			All Products
General	Basic Command	storeOn	Open saving logs.	storeOn			Turnstile
General	Basic Command	storeOff	Close saving logs.	storeOff			Turnstile
General	Basic Command	uplogOn	Open uploading logs.	uplogOn			Turnstile
General	Basic Command	uplogOff	Close uploading logs.	uplogOff			Turnstile
General	Basic Command	logerase	Erase log block.	logerase			Turnstile