

HikCentral Access Control

HikCentral Access Control is a lightweight software for professional access control and time & attendance management. Featuring compatibility with virtually all Hikvision access control and video intercom devices, HikCentral Access Control makes daily access control and attendance management much simpler and more efficient.



Key Features

Professional and flexible access control

The comprehensive portfolio empowers teams with enhanced person management by effectively merging access control and time attendance applications within on unified system.

Lightweight and convenient

With the minimum hardware requirements, users get full functionality via common web browsers, with no need to install a desktop client. What's more, users can also manage remotely with an intuitive mobile App compatible with both Android and iOS systems, adding to the flexibility.

Easy to install and operate

With clear, step-by-step installation guidance and easy credential assignment and attendance rule-setting, management can quickly configure and run HikCentral Access Control based on actual needs.

● **Features of Main Modules**

Module	Features
Access Control	<ul style="list-style-type: none"> ● Comprehensive and flexible access management methods ● Advanced access strategies for sensitive areas ● Convenient employee badge design and printing ● Clear step-by-step guidance ● Remote personnel registration ● Automatically lock or unlock doors ● Easily count and verify everyone's safety
Time & Attendance	<ul style="list-style-type: none"> ● Flexible attendance rule-setting ● Diverse attendance reports and customizable templates ● Easy integration with third-party payroll systems
Maintenance	<ul style="list-style-type: none"> ● Visualized alarm notifications ● Logs are available for event trackback and evidence
Employee Self-Services	<ul style="list-style-type: none"> ● Employees can check by themselves attendance results ● Employees can apply for exceptions on their own
Interactive E-Maps	<ul style="list-style-type: none"> ● Dynamic views of multiple sites and access control device status ● Shortcuts to handle events and alarms directly onboard

Software Specification

The following table shows the maximum performance of the HikCentral Access Control.

	Features	Maximum Performance
Devices and Resources	Access Control Devices	16
	Video Intercom Devices	100
	Areas	16
	Alarm Inputs	2,000
	Alarm Outputs	2,000
	Doors	16
Users and Roles	Users	16
	Roles	16
Person	Persons (For Access Control & Time Attendance)	3,000
	Department Hierarchies	10
	Cards	15,000
	Fingerprints	12,000
	Profile Pictures	3,000
	Irises	6,000
	Resignation Types	100
	Resignation Persons	5,000
Access Control	Access Levels	256
	Access Schedules	32
	Timetable	128
	Shifts	128
	Holidays	32
	Predefined Reports	37
	Custom Layouts Based on Predefined Reports	512
	Custom New Reports Based on All Available Fields of System	128
	Overtime Types	128
	Leave Types	128
Event & Alarm	Event and Alarm Rules	3,000
	Events or Alarms Sent to Clients <i>*The Clients refer to the Mobile Clients.</i>	<ul style="list-style-type: none"> • 120 events or alarms/s • 100 Clients/s
	User-Defined Event Rules	3,000
Storage	Picture Storage <i>*Including event and alarm pictures, face pictures</i>	20/s (Stored in SYS)
	Data Retention Period	Stored for 3 Years
Download Center	Download Center Historical Records	5,000
	Total Tasks to be downloaded	500
Employee Self-Service	Online Employees (at the same time)	1,000
	Approval Roles	100
	Approval Flows	1,000
	Review Nodes of an Approval Flow	100

System Requirements

** For high stability and good performance, the following system requirements must be met.*

Feature	Description
OS for HikCentral Access Control Server	Microsoft® Windows 11 (64-bit) Microsoft® Windows 10 (64-bit) Microsoft® Windows 8.1 (64-bit) Microsoft® Windows 7 SP1 (64-bit) Microsoft® Windows Server 2019 (64-bit) Microsoft® Windows Server 2016 (64-bit) Microsoft® Windows Server 2012 R2 (64-bit) Microsoft® Windows Server 2012 (64-bit) Microsoft® Windows Server 2008 R2 SP1 (64-bit) *For Windows 8.1 and Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.
Browser Version	Google Chrome® 90 and above Firefox® 90 and above Safari® 11 and above Microsoft® Edge 89 and above Internet Explorer® 11 and above
Database	PostgreSQL V11.8
OS for Mobile Client	iOS 10.0 and later Android phone OS version 6.0 or later

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