

HIKVISION

**DS-K3B211LX Series
Swing Barrier**

Quick Start Guide

UD41036B-A

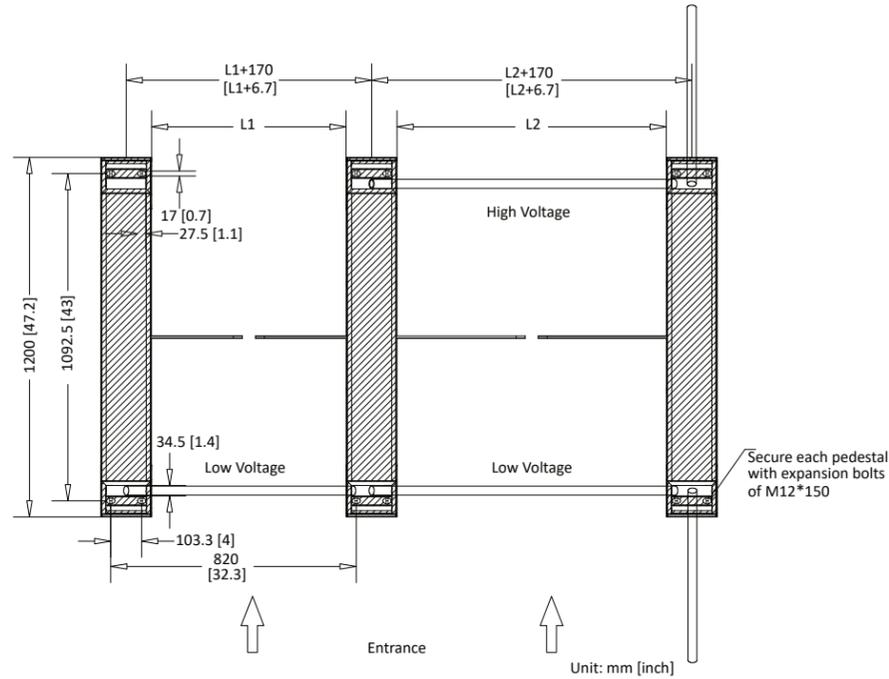
User Manual



Wiring & Installation Video



1 System Wiring



Steps:

1. Draw a central line on the installation surface of the left or right pedestal.
2. Draw other parallel lines for installing the other pedestals.

The distance between the nearest two lines is L+170 mm. L represents the lane width.

3. Slot on the installation surface and drill installation holes after determining the hole positions. Put 4 expansion bolts of M12*150 for each pedestal.
4. Bury cables.

The inner diameter of the low voltage conduit and of the high voltage (AC power cord) conduit should be larger than 30 mm. If any high-power authentication device is required to install on the left pedestal, the diameter of its conduits should be larger.

If you want to bury both of the AC power cord and the low voltage cable, the two cables should be in separated conduits to avoid interference.

If more peripherals are required to connect, you should increase the conduit diameter or bury another conduit for the external cables.

The external AC power cord should be double-insulated.

The network cable must be CAT5e or other cables with better performance.

Before digging holes, evaluate the thickness of the installation surface to avoid puncturing.

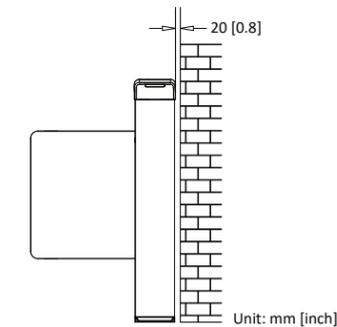
2 Installation

Steps:

1. Place the pedestal above the embedded expansion bolt.
2. Unscrew the lower maintenance door and remove the maintenance door.
3. Place the platen on the expansion bolt and adjust the position of the pedestal to make sure the platen fits well to the bottom of the pedestal.
4. Fasten the nuts of the expansion bolts with a screwdriver (shank length more than 120 mm) and reinstall the maintenance door.



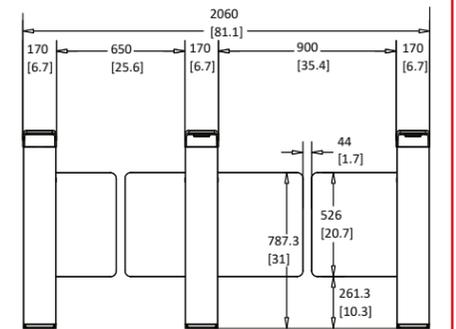
- Make sure the device is installed on flat surface. The foundation should be hard and the thickness should exceeds the length of the expansion bolt.
- Make sure the device is powered off during installation and other operations.
- The installation tools are put inside the package of the pedestal.
- In order to prevent stainless steel from rusting due to dirt during the installation, it is recommended to tear off the protective film after the device is installed.
- There may be residual glue at the film cutting position, and it is recommended to wipe the glue with WD-40 protective liquid after tearing the film.
- Indoor use only. Do not immerse the pedestal in the water.
- If the installation area is close to the wall, make sure the distance between the pedestal and the wall should be more than 20 mm, or you might cause damage to the device or cannot open the pedestal's top panel.
- Each pedestal should be fixed with two floor platens.



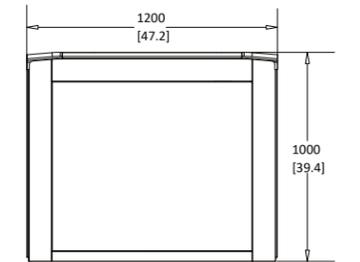
Dimensions



The diagram is for reference. Dimensions may differ in models.

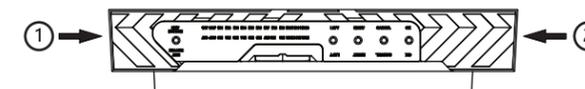
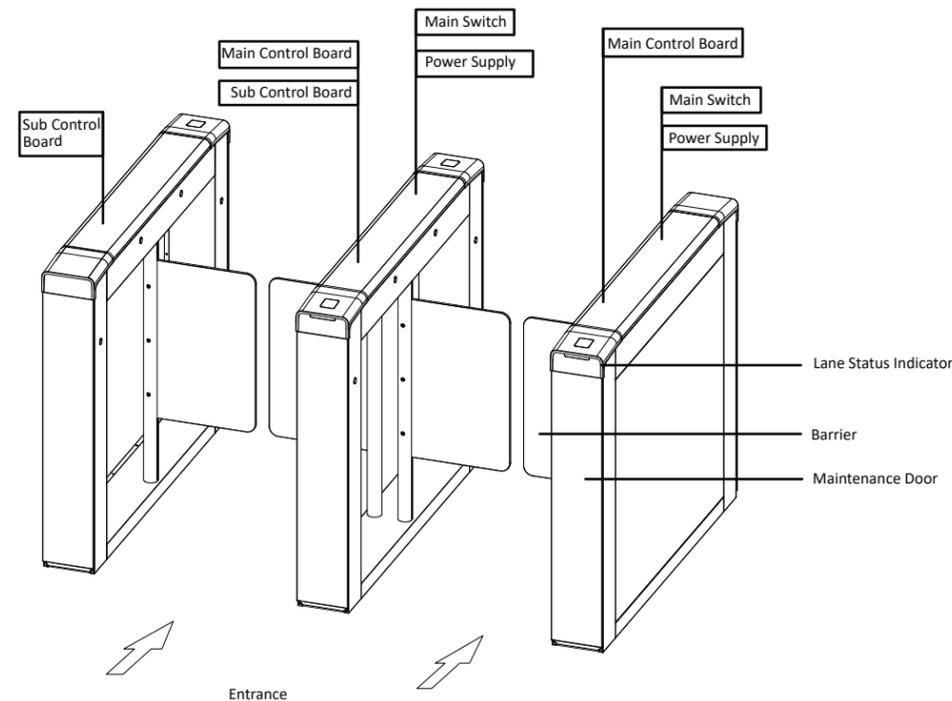


Front View

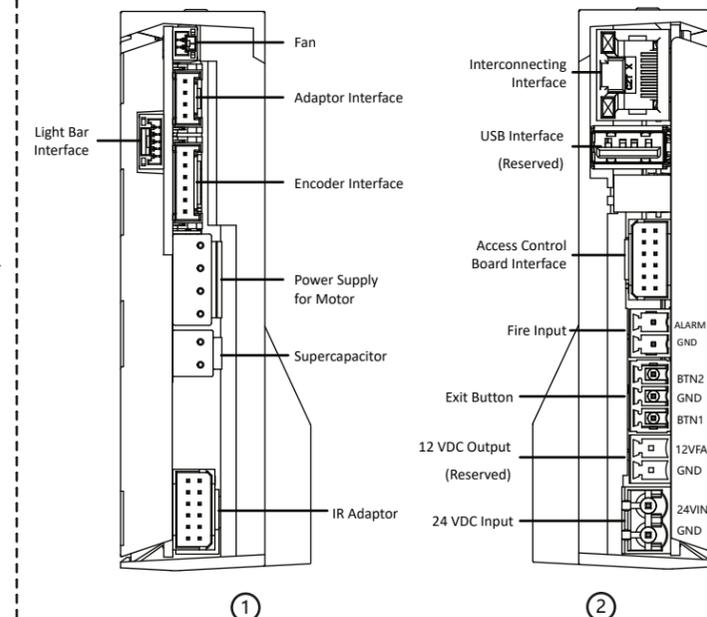


Side View

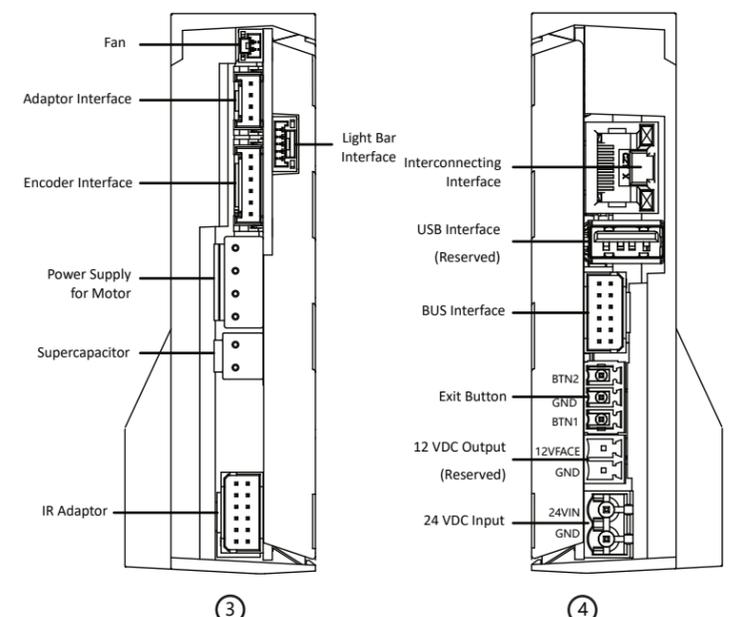
3 Components Introduction



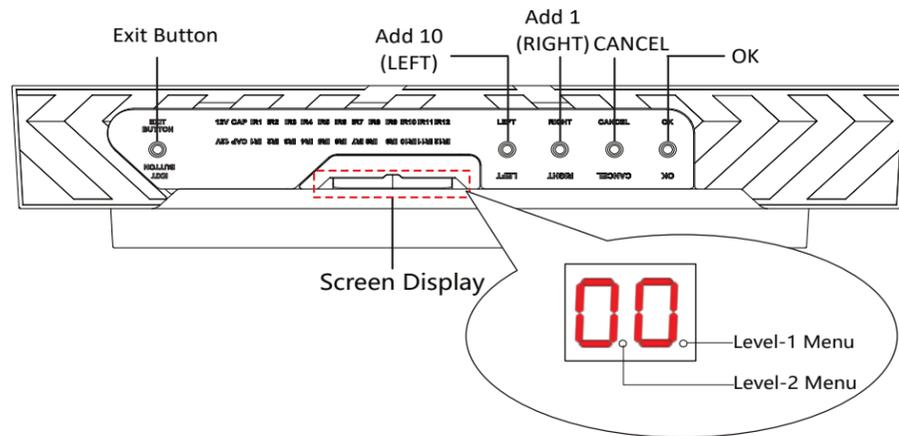
Main Lane Control Board



Sub Lane Control Board



4 Button Description



Exit Button

Single press to open from the entrance position.
Double press to open from the exit position.

Parameter Configuration Button

Configuration data: Configuration data is displayed by two digital tubes

LEFT: Press this button to add ten to configuration data

RIGHT: Press this button to add one configuration data

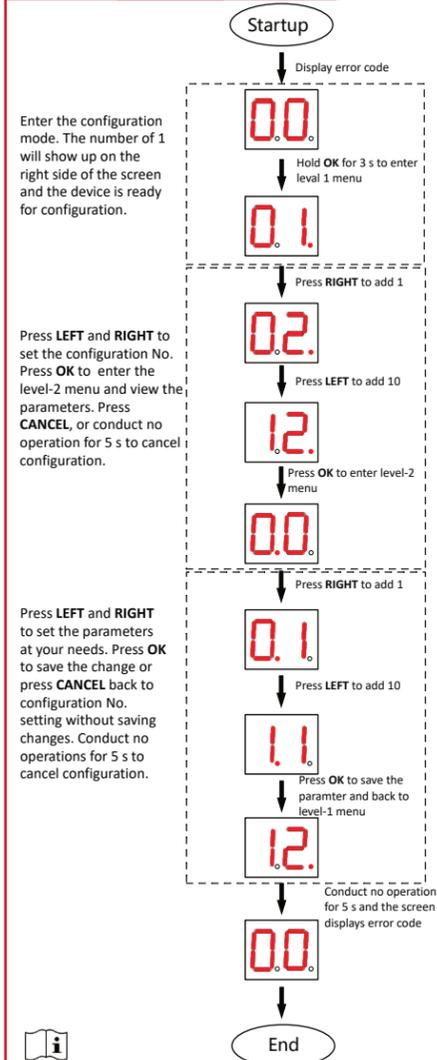
CANCEL: Return to the level-1 menu, or exit the configuration from the level-1 menu.

OK: Confirm the data, or enter configuration mode, or enter the submenu.

Level-1 Menu: If the decimal point on the right is on, it indicates the level-1 menu. The number represents the configuration item number.

Level-2 Menu: If the decimal point in the middle is on, it indicates the level-2 menu. The number represents the parameters of a configuration item.

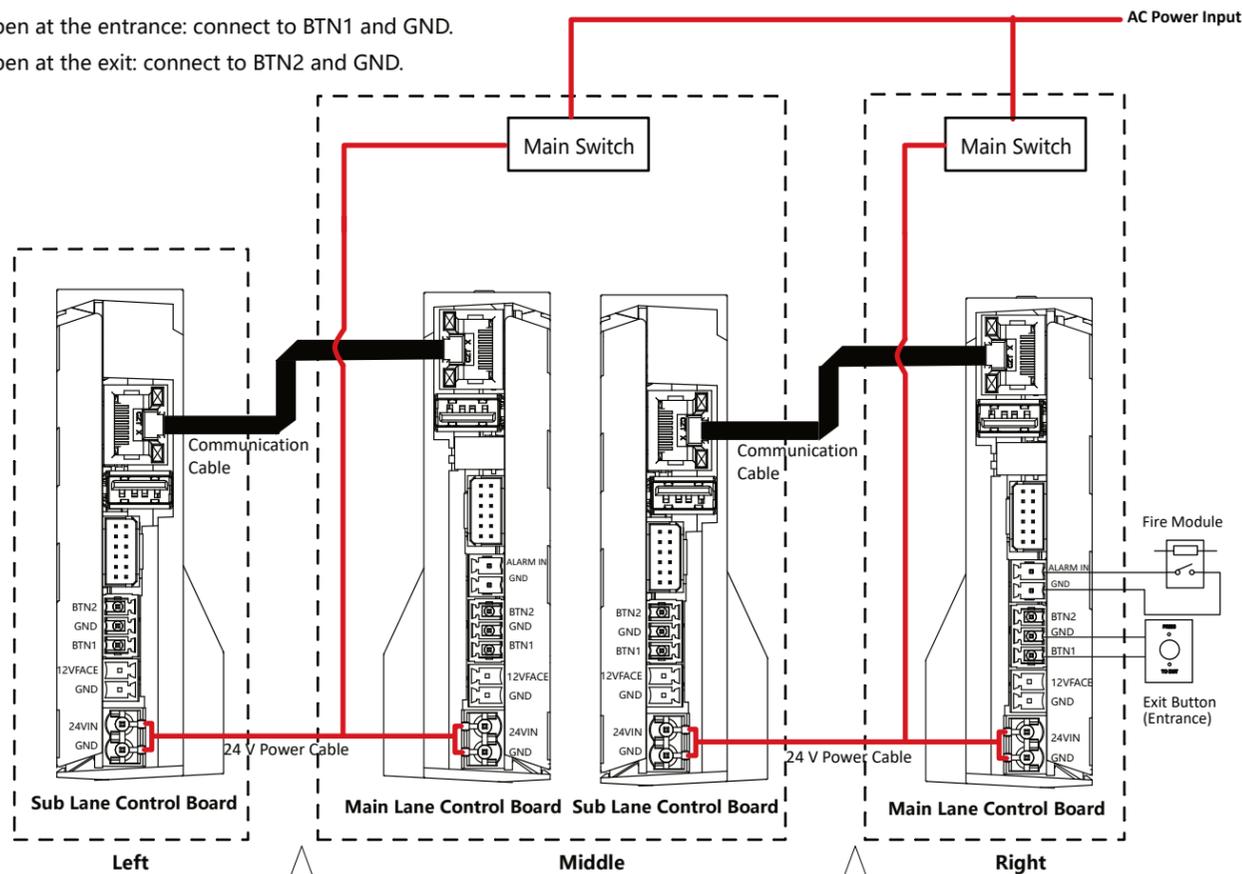
4 Button Description



5 Wiring Diagram



- The external devices are powered via 12 V DC power output interface of the main and sub lane control board.
- Barrier open at the entrance: connect to BTN1 and GND.
- Barrier open at the exit: connect to BTN2 and GND.



Safety Instruction

Warning

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- 1. Do not ingest battery. Chemical burn hazard!
- 2. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- 3. Keep new and used batteries away from children.
- 4. If the battery compartment does not close securely, stop using the product and keep it away from children.
- 5. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- 6. CAUTION: Risk of explosion if the battery is replaced by an incorrect type.
- 7. Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- 8. Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- 9. Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- 10. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- 11. Dispose of used batteries according to the instructions.

Caution

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetic radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger). The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
- The serial port of the equipment is used for debugging only.
- Wall Mounting: Install the equipment according to the instructions in this manual. To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- This bracket is intended for use only with equipped devices. Use with other equipment may result in instability causing injury.
- This equipment is for use only with equipped bracket. Use with other (carts, stands, or carriers) may result in instability causing injury.

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