

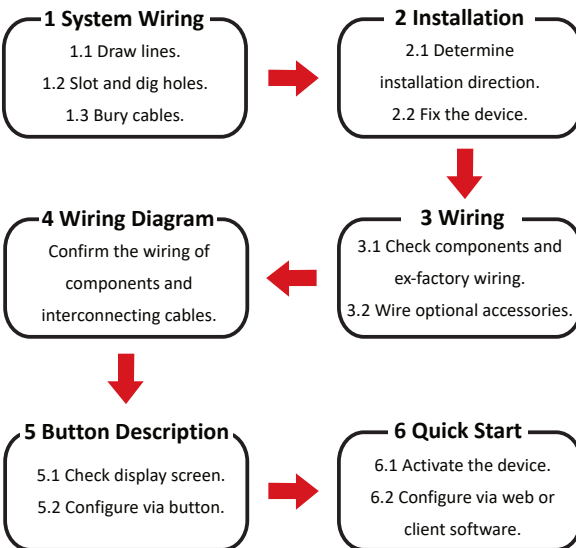


DS-K3BC430LX Series Swing Gate

Quick Start Guide

UD32648B-A

Quick Start Flow Chart

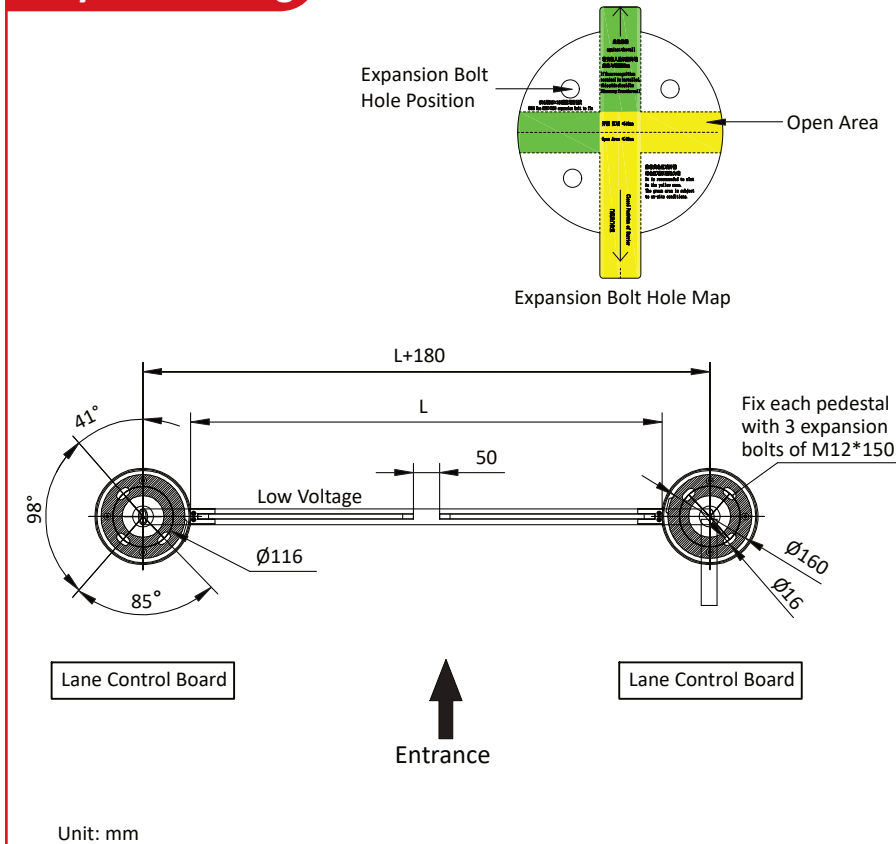


Single Lane Mode: The device is the single main lane device by default.

Double Lane Mode: Adjust the level-1 button configuration number as 51, level-2 number as 1, the device switches to double lane mode.

Adjust the level-1 button configuration number as 50, level-2 number as 2, the pedestal switches to sub lane device.

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 $L + 180$ mm. L represents the lane width.
3. Check the expansion bolt hole map in the package. Slot on the installation surface according to the yellow open area. Dig installation holes according to the expansion bolt hole position, and put 3 expansion bolts of M12*150 for each pedestal.
4. Bury low voltage cable.
5. Bury 24 V power cable and interconnecting network cable. For details, see the system wiring diagram.



- Low voltage:
Interconnecting cable (available for two pedestals and above): The recommended length is $L+1.5$ m.
Network communication cable: It is recommended to use CAT5e or the network cable has better performance.
- The suggested external diameter of the low voltage conduit is 30 mm.
If more peripherals are required to connect, you should increase the conduit diameter or bury another conduit for the external cables.
- Before digging holes, evaluate the thickness of the installation surface to avoid puncturing.
- When slotting on the installation surface, pay attention to the position and width of the slot to avoid misalignment of the barrier.
- One Hikvision distribution cabinet supplies one pedestal.
 - The maximum allowable diameter of the power cable is 12 AWG (UL1015), and the transmission distance is 100 m.
- One Hikvision distribution cabinet supplies two pedestals.
 - The maximum allowable diameter of the power cable is 16 AWG (UL1015), and the transmission distance is 25 m.

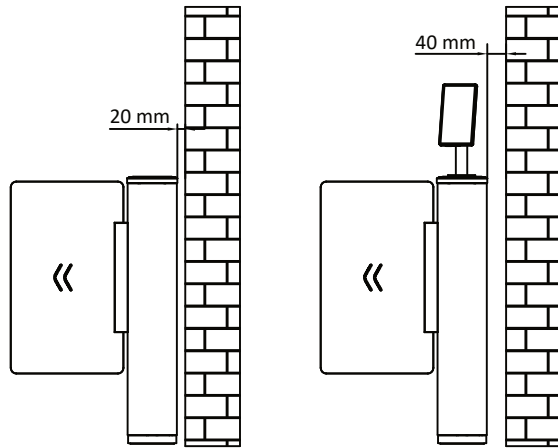
2 Installation



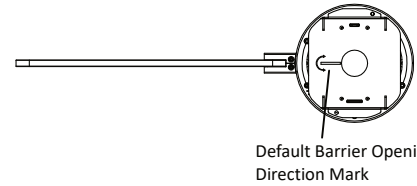
- Make sure the device is installed on flat surface.
- Make sure the device is powered off during installation and other operations.
- The installation tools are put inside the package of the pedestal.
- To prevent stainless steel from rusting due to dirt during construction, it is recommended that the protective film be removed after the installation is completed. There may be residual adhesive at the film cutting position. It is recommended to use WD-40 protective liquid to wipe after tearing the film.
- It is recommended that at least two people collaborate to install the sleeve. You'd better wear gloves throughout the entire process, handle with care, and pay attention to preventing crushing or pinching injuries.

Steps:

1. Prepare installation tools, check the components, and clean the installation base.
2. Seal the bottom of the pedestal with sealing materials to prevent water accumulation.
3. Remove the protective panel on the top of the device, and determine the barrier direction and the pedestal installation position according to the default barrier opening direction mark. Secure pedestal with nuts and complete wiring.
4. Install the rotary tube and top plastic part with screws.



This side is installed against the wall.



Default Barrier Opening Direction Mark



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 (40 mm if with face recognition terminals), or you might cause damage to the device or cannot open the pedestal's top panel.

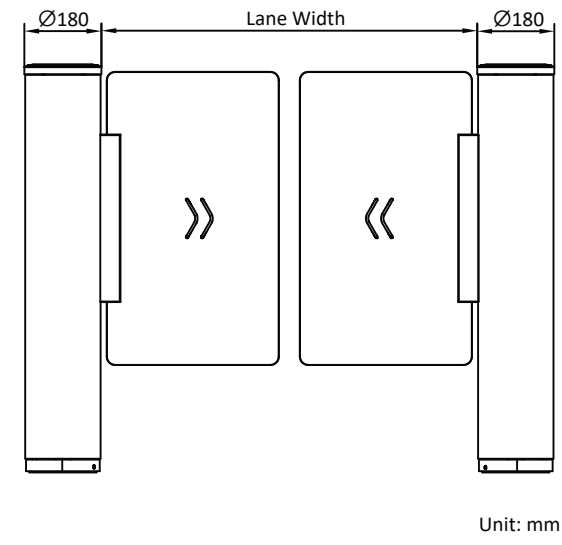
Dimension



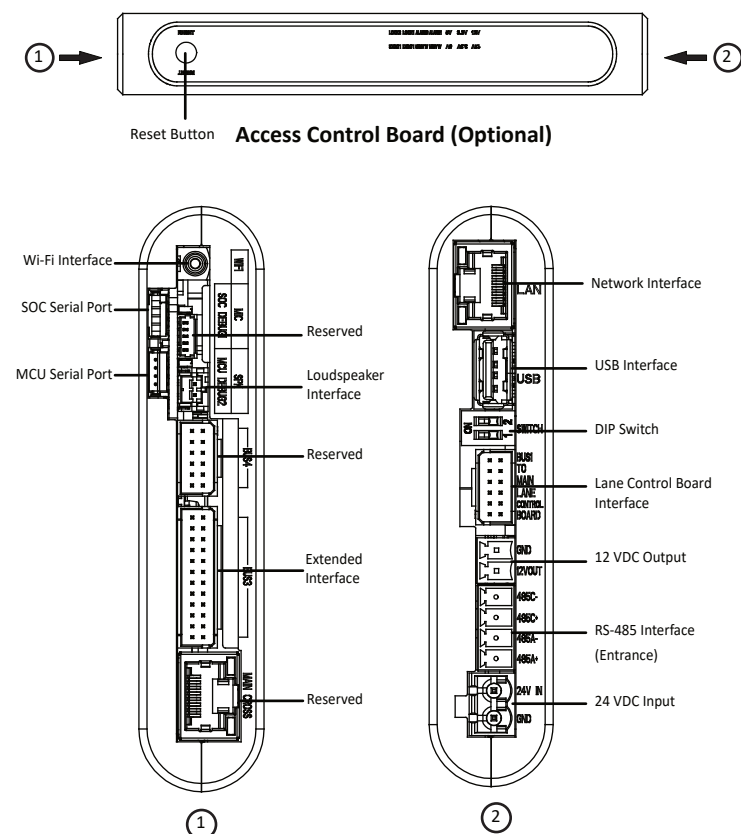
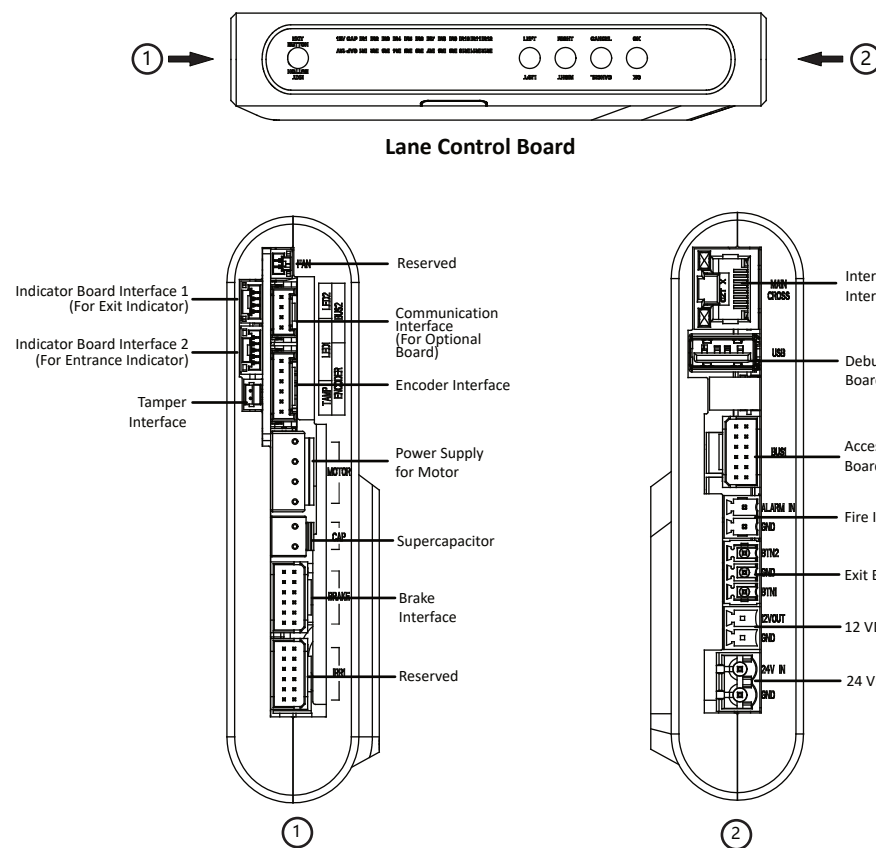
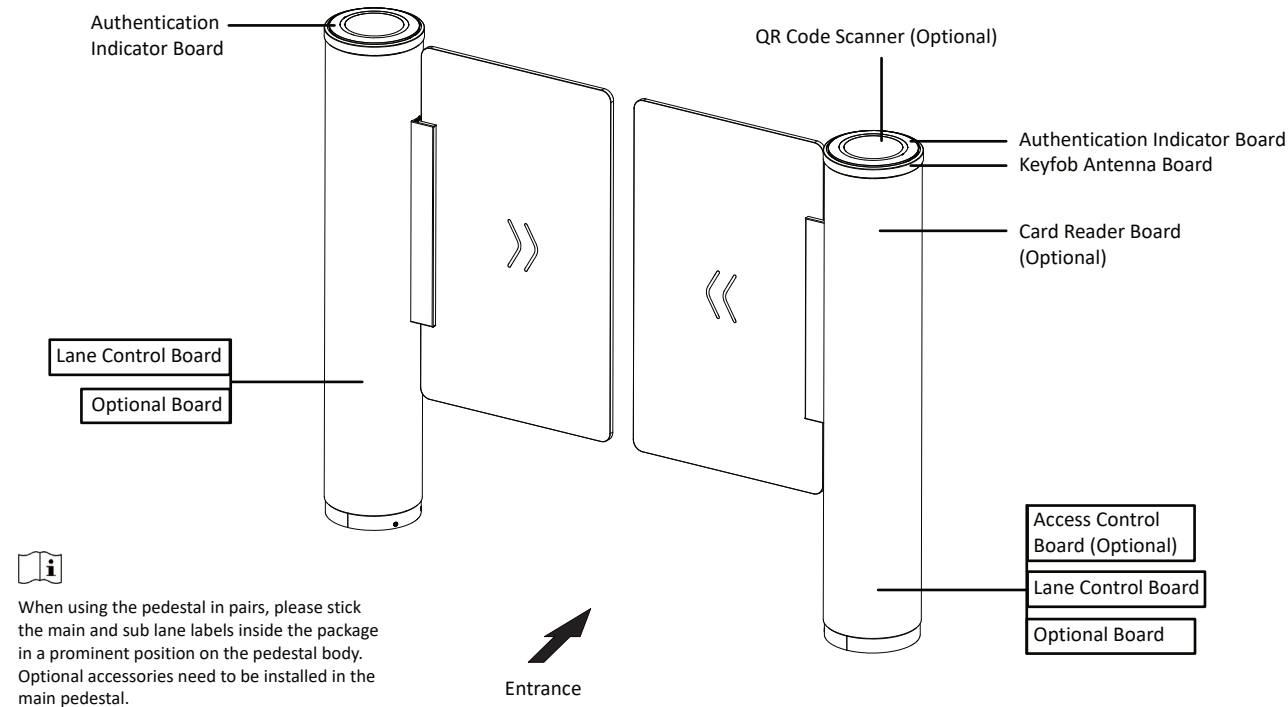
Scan the QR code to view the video guide.



Scan the QR code to view the user manual.



3 Wiring



- The USB interface of the debugging port board and lane control board is connected by default, and the debugging port is connected to the built-in debugging port cable of the lane control board; if the access control board is selected, the debugging port board should be connected to the debugging port cable of the access control board.
- SOC and MCU serial port are for debugging and maintenance use only.
- Hold the reset button for 5 s, the device will beep for 3 s and start restoring to factory settings.
- RS-485A corresponds to port 5 on web and is for QR code scanner connection at entrance by default; RS-485C corresponds to port 7 on web and is for card reader connection at entrance by default.

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The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image. As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

