HIKVISION

DS-K3G401C(L)X Series Tripod Turnstile

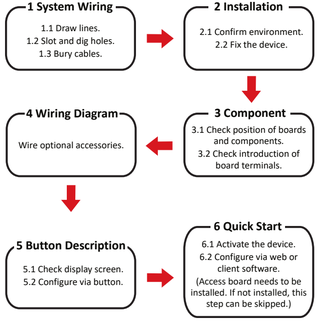
Quick Start Guide

UD43444B-A

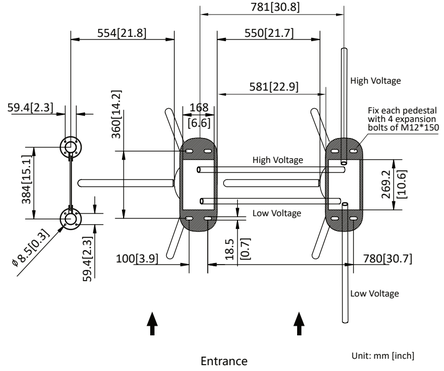
User Manual

Wiring & Installation Video

Quick Start Flow Chart



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 581 + 200 mm.
3. Slot on the installation surface and dig installation holes according to the hole position. Put 4 expansion bolts of M12*150 for each pedestal.
4. Bury cables. Each lane buries 1 high voltage cable and 1 low voltage cable. For details, see the system wiring diagram.

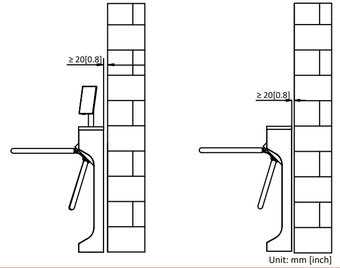
- High voltage: AC power input
- Low voltage: network cable (CAT5E or CAT6), interconnecting data cable and interconnecting power cable.
- The supplied interconnecting power cable length is 3.75 m, if necessary, you can contact the sales person to replace it with a 5.5 m cable.
- The suggested inner diameter of the high and low voltage conduit is larger than 30 mm. If the switch (optional) is selected, the suggested inner diameter of the high voltage conduit is larger than 30 mm.
- If you want to bury both of the high voltage cable and the interconnecting 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.

2 Installation

Steps:

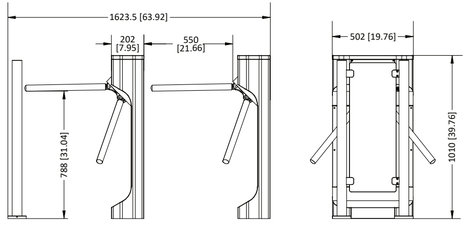
1. Prepare installation tools, check the components, and clean the installation base.
2. Dig holes on the ground according to the installation holes on the pedestals and insert the expansion bolts.
3. Place the pedestals properly on the base.
4. Seal the bottom of the turnstile to avoid water from entering.
5. Secure the pedestals with expansion bolts.

- 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.
- Avoid immersing the pedestal in water. Under special circumstances, the immersion height should not exceed 150 mm.



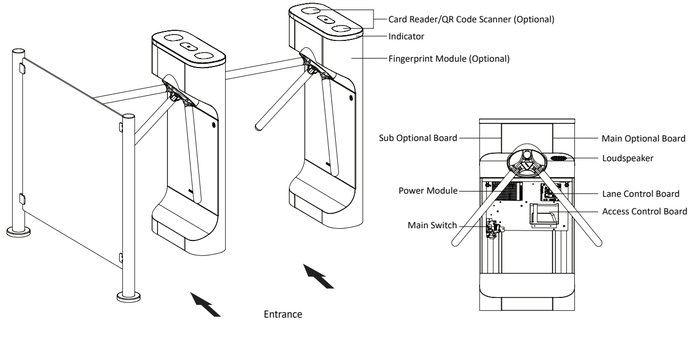
If the installation area is close to the wall, make sure the distance between the pedestal and the wall should be more than 20 mm, or you might cause damage to the device or cannot open the pedestal's top panel.

Dimension

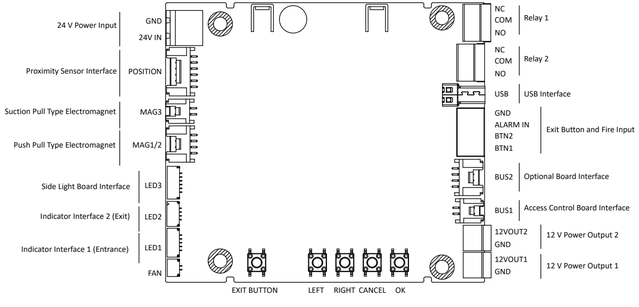


The diagram is for reference. Dimensions may differ in models.

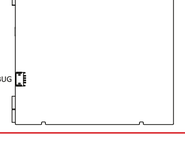
3 Components Introduction



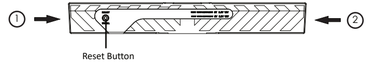
● **Lane Control Board (Front)**

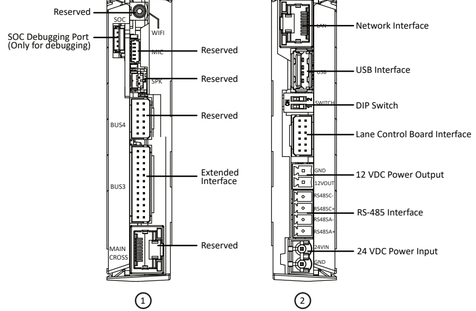


● **Lane Control Board (Rear)**



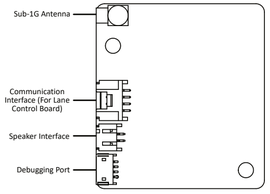
● **Access Control Board (Optional)**



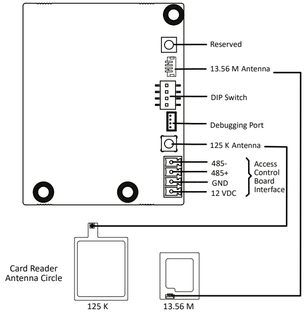


- Hold the reset button for 5 s, the device will beep for 3 s and start restoring to factory settings.
- RS-485A corresponds to port 3 on web and is for QR code scanner connection at entrance by default; RS-485B corresponds to port 4 on web and is for QR code scanner connection at exit by default; RS-485C corresponds to port 5 on web and is for card reader connection by default; RS-485D corresponds to port 6 on web and is for card reader connection by default.

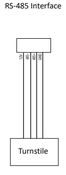
Main Optional Board



Card Reader Board (Optional)

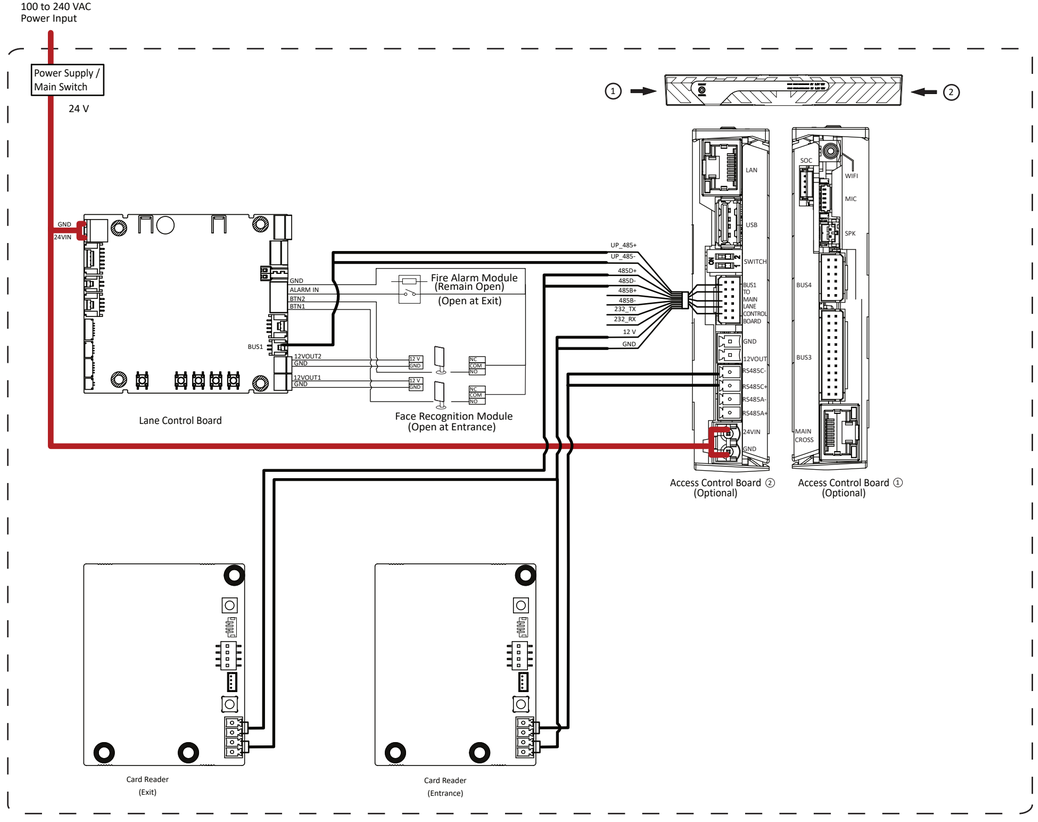


QR Code Scanner (Optional)



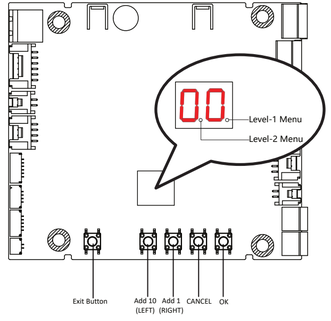
4 Wiring Diagram

- The power cable from main switch to the lane control board has been connected. You will need to prepare the 14AWG power cable to connect the AC power input to power supply.
- Barrier opens at the entrance/exit: connect to BTN1/BTN2 and GND.



5 Button Description

Lane Control Board



The buttons and the display screen are on the lane control board. You can configure device parameters such as passing mode, enter duration, etc.

Exit Button

Single press to open from the entrance.

Double press to open from the exit.

Configuration via Button

- Parameter Display

Parameter is displayed by two digital tubes on the screen.

- LEFT

Press the button to add ten to configuration data.

- RIGHT

Press the 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.

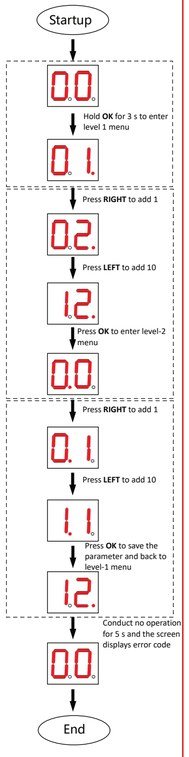
- Level-1 Menu

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.

Button Configuration Process



Enter the configuration mode. The number of 1 will show up on the right side of the screen and the device is ready for configuration.

Press **LEFT** and **RIGHT** to set the configuration No. Press **OK** to enter the level-2 menu and view the parameters. Press **CANCEL**, or conduct no operation for 5 s to cancel configuration.

Press **LEFT** and **RIGHT** to set the parameters at your needs. Press **OK** to save the change or press **CANCEL** back to configuration No. setting without saving changes. Conduct no operations for 5 s to cancel configuration.

Refer to the user manual for button description details.

6 Quick Start

Activation

Ensure the device and PC are on the same network segment.

- Enter the device default IP address (192.0.0.64) and create a new password (admin password) to activate the device.
- Activate device via client software.

- We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. Characters containing admin and nimda are not supported.

Configuration via PC Web

Make sure the device is activated. Enter the device IP address in the address bar of the web browser and press Enter to enter the login page.
Enter the device user name and the password. Click Login.

Configuration via Client Software

After downloading the client software, you can conduct device management, group management, person management and access control management.

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