DS-K6B530T Series Swing Barrier

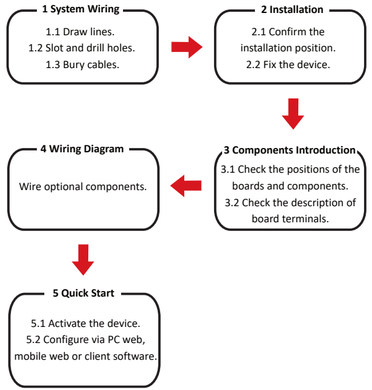
Quick Start Guide

UD40044B

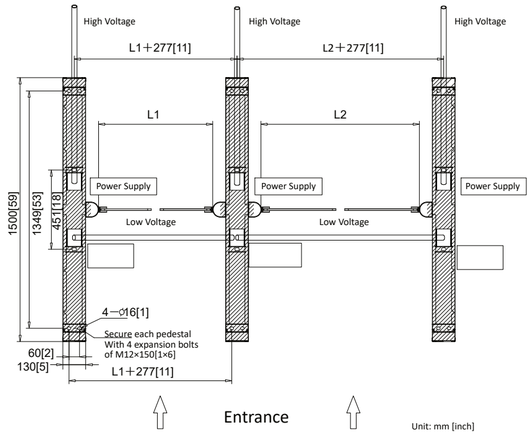
User Manual

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 L+277 mm, L represents the lane width.
3. Slot on the installation surface and drill installation holes after determining the hole positions. Put 6 expansion bolts of M12*150 for each pedestal.
4. Bury cables.

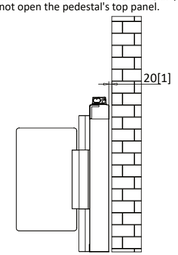
- High voltage: 200 to 240 V AC. 50 to 60 Hz AC power input. Size: 3 × 1.0mm^2; Reserved length out of the ground: 2.3 m.
- Low voltage: 1 network communication cable (3 m).
- The inner diameter of the low voltage conduit and of the high voltage (AC power cord) conduit should be larger than 30 mm. If 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. Prepare installation tools, check the components, and clean the installation base.
2. Align the pedestals with the pre-buried expansion bolts, and remove the side cover with the screwdriver.
3. Secure each pedestal with expansion bolts, and fix the side cover to its original position.

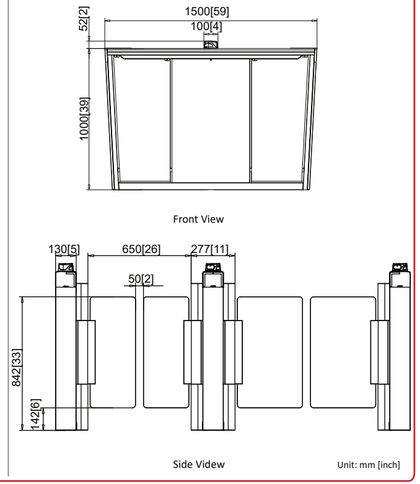
- Make sure the device is installed on flat surface. The foundation should be hard and the thickness should exceeds the length of the expansion bolt.
- Make sure the device is powered off during installation and other operations.
- The installation tools are put inside the package of the pedestal.
- 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 10 mm, or you might cause damage to the device or cannot open the pedestal's top panel.



Unit: mm [inch]

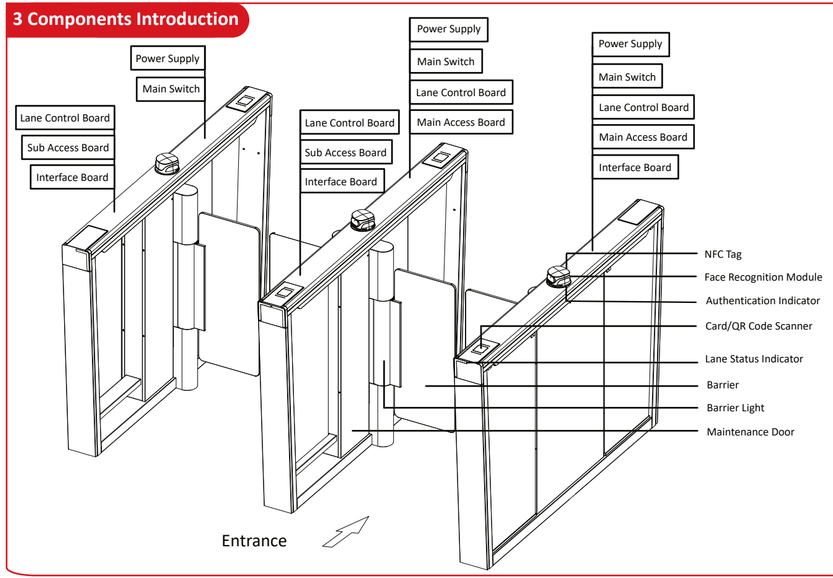
Dimensions

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

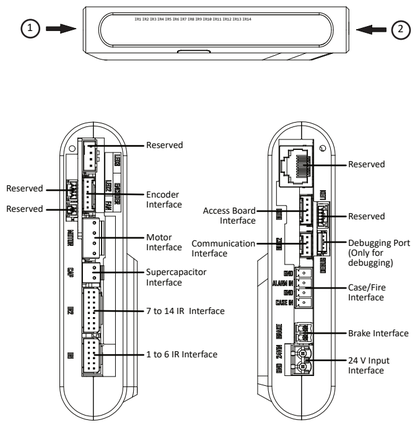


Unit: mm [inch]

3 Components Introduction



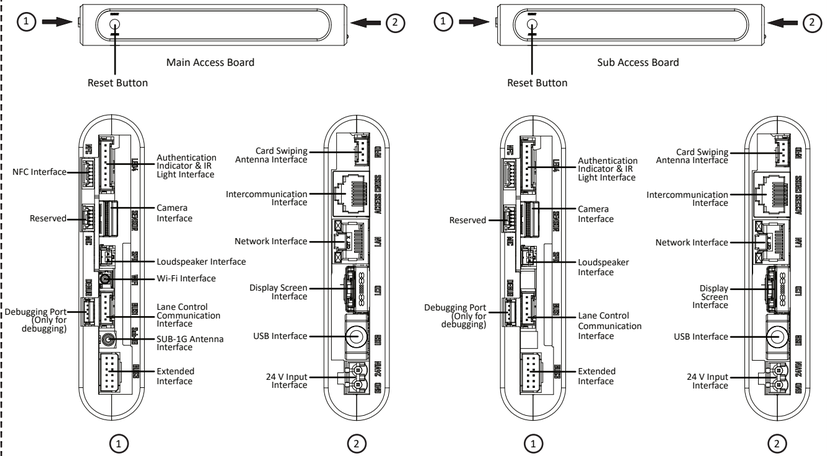
Lane Control Board



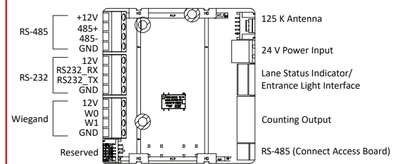
- The communication interface can connect with the IR adaptor. You can connect the 15 to 24 IR to the IR adaptor.
- IR adaptor are provided for swing barriers configured with 16 and 24 IR.
- The case/fire interface enables door opening.

Access Board

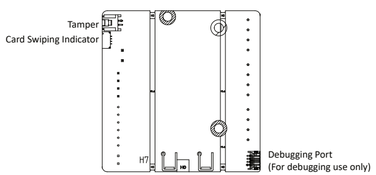
Hold the reset button for 5 s, the device will beep twice (main access board only) and start restoring to factory settings.



● **Interface Board**



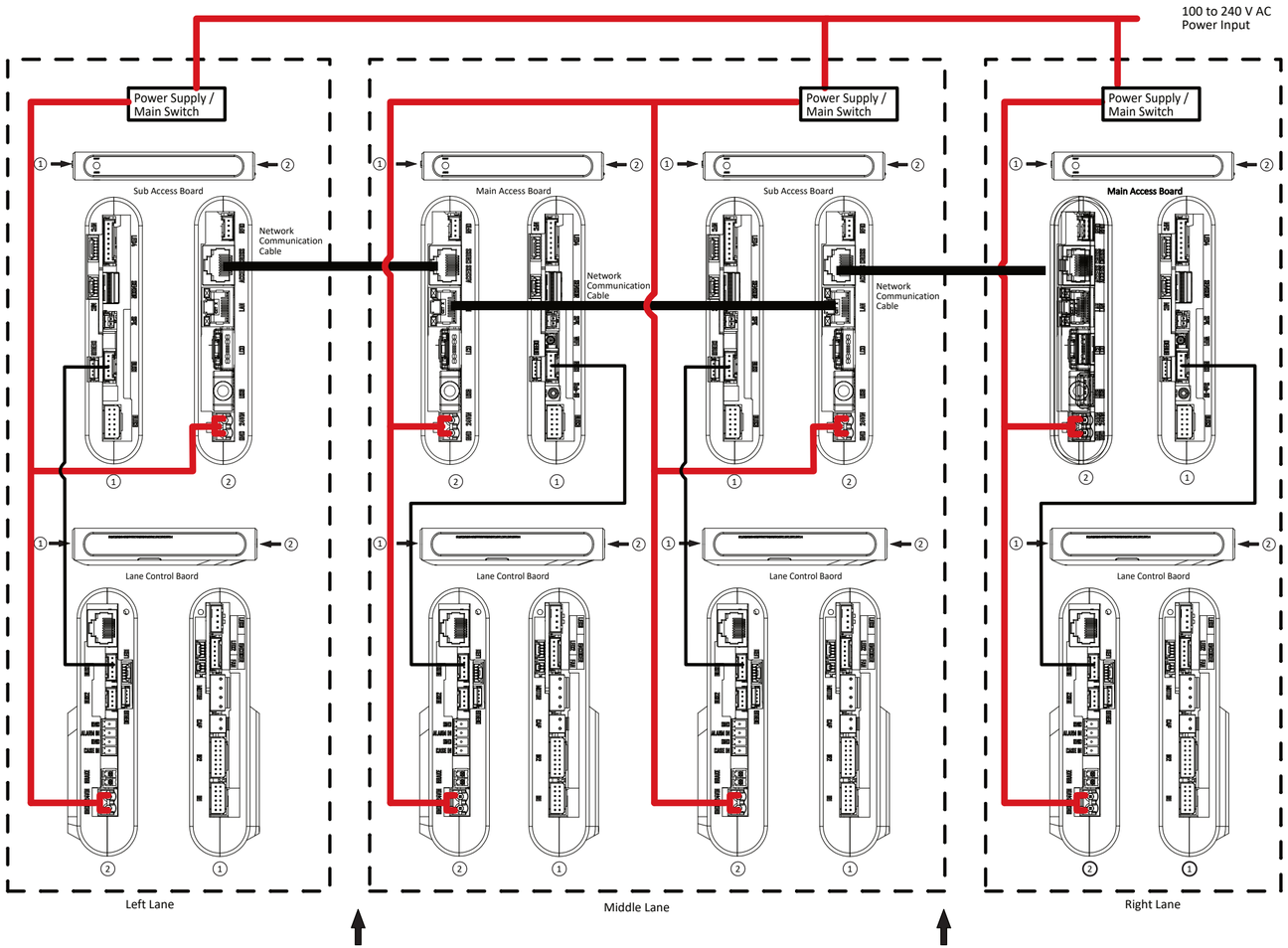
Front View



Rear View

4 Wiring Diagram

- The power cable from power supply to the main lane control board has been connected. You will need to prepare the 14AWG power cable to connect the AC power input to power supply.
- The ① and ② refer to the two sides of a same board.



5 Quick Start

● **Activation**

Make sure the device and the computer are under 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.
- Download SADP or client software from the official website and run it, search all devices on your LAN, select your device and create a new password (admin password) to activate the device.

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 Mobile Web**

If device hotspot is disabled: Make sure your mobile phone and the device are connected to the same network. Place your phone to the NFC area and the device IP address will pop up, tap the address to go to the login page.

If device hotspot is enabled:

Android System: Place your phone to the NFC area and the name and password of the device hotspot will be obtained automatically. Confirm to connect, you will go to the login page.

iOS Ssystem: Enable the phone's Wi-Fi function, and connect to the current device's hotspot. After hotspot is connected, you will go to the login page.

Hotspot Name: AP_Serial No.

Hotspot Password: Device's Serial No.

You can configure the turnsile basic parameters, keyfob settings, light settings, network settings, access control settings, etc.

● **Configuration via Client Software**

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

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