



DS-K6B530TX Series Swing Barrier with Module

Quick Start Guide

UD44159B

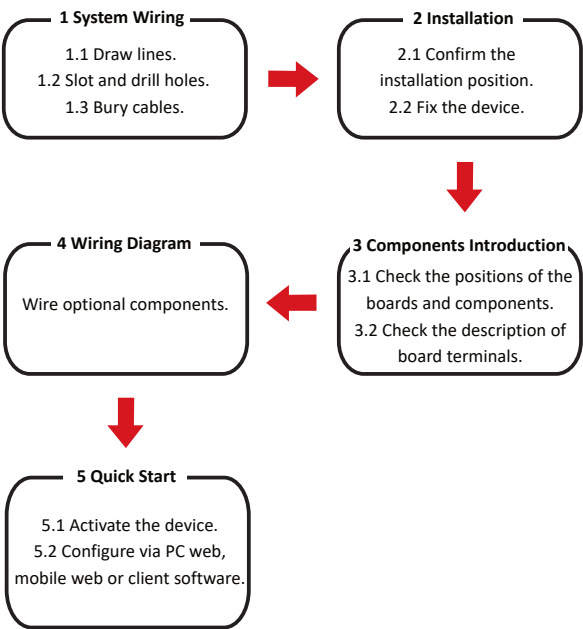
User Manual



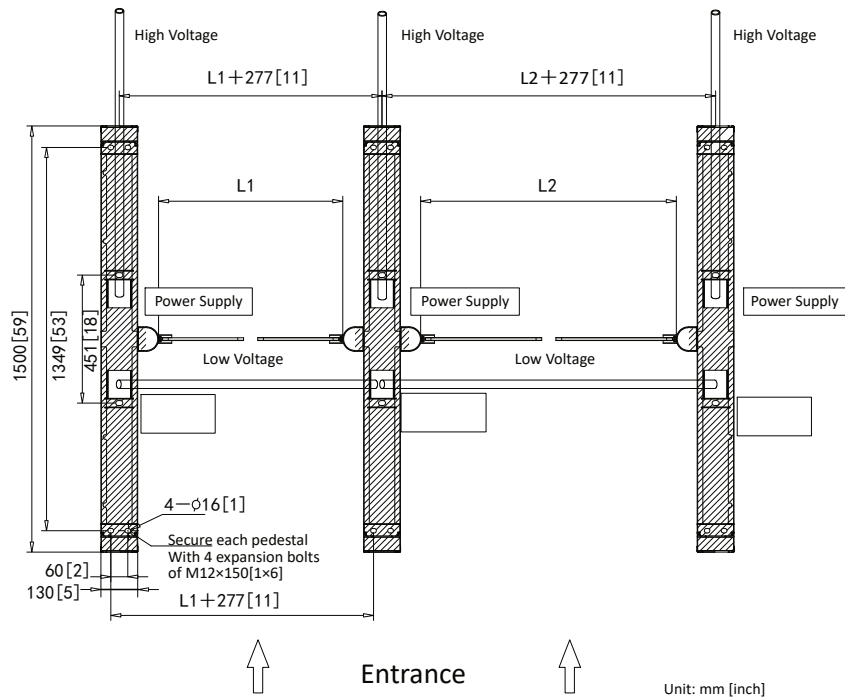
Wiring & Installation Video



Quick Start Flow Chart



1 System Wiring



Unit: mm [inch]

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.
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.

- The distance between the nearest two lines is L+277 mm, L represents the lane width.
- High voltage: 200 to 240 V AC. 50 to 60 Hz AC power input. Size: 3 × 1.0mm²; 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.

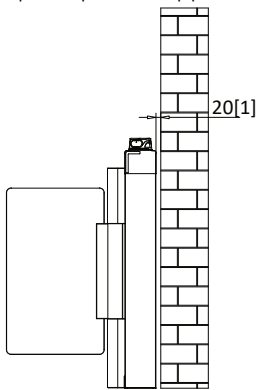
2 Installation

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.

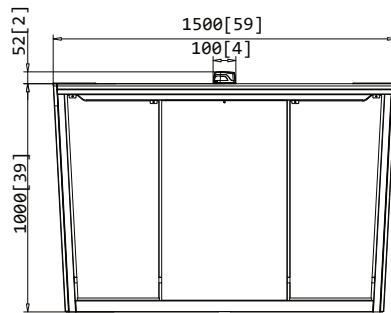


Unit: mm [inch]

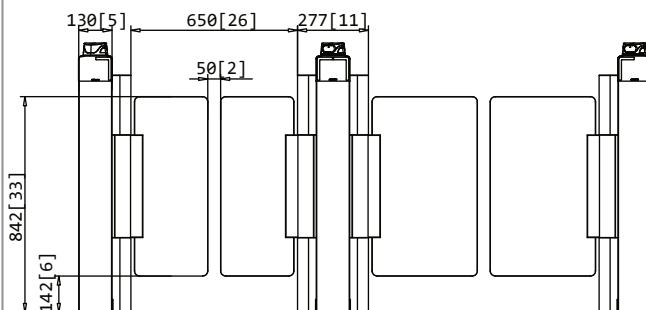
Dimensions



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



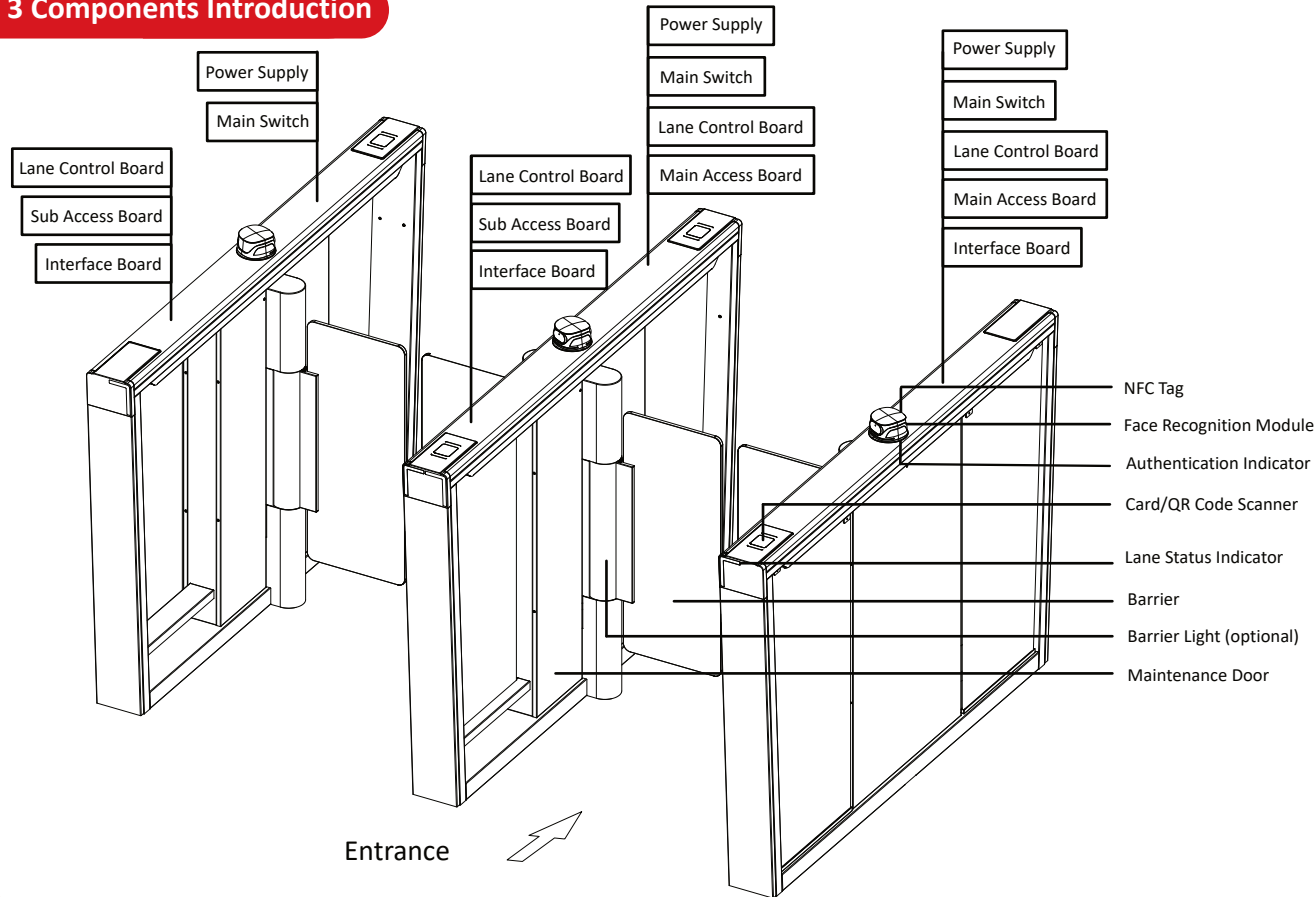
Front View



Side View

Unit: mm [inch]

3 Components Introduction



About this Document
• This Document 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 Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (<https://www.hikvision.com>). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
• Please use the Document with the guidance and assistance of professionals trained in supporting the Product.

About this Product
This product can only enjoy the after-sales service support in the country or region where the purchase is made.

Acknowledgment of Intellectual Property Rights
• Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
• Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
• **HIKVISION** and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
• Other trademarks and logos mentioned are the properties of their respective owners.

LEGAL DISCLAIMER
• TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.
• YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
• YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW, ESPECIALLY YOU ARE RESPONSIBLE FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
• IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.

Data Protection
• To protect data, the development of Hikvision Products incorporates privacy by design principles. For example, for Products with facial recognition features, biometric data is stored in your Products with encryption method; for fingerprint Products, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.
• As a data controller/processor, you may process personal data, including collection, storage, use, processing, disclosure, deletion, etc. You are advised to pay attention to and comply with applicable laws and regulations related to the protection of personal data, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic review and the assessments of the effectiveness of your security controls.

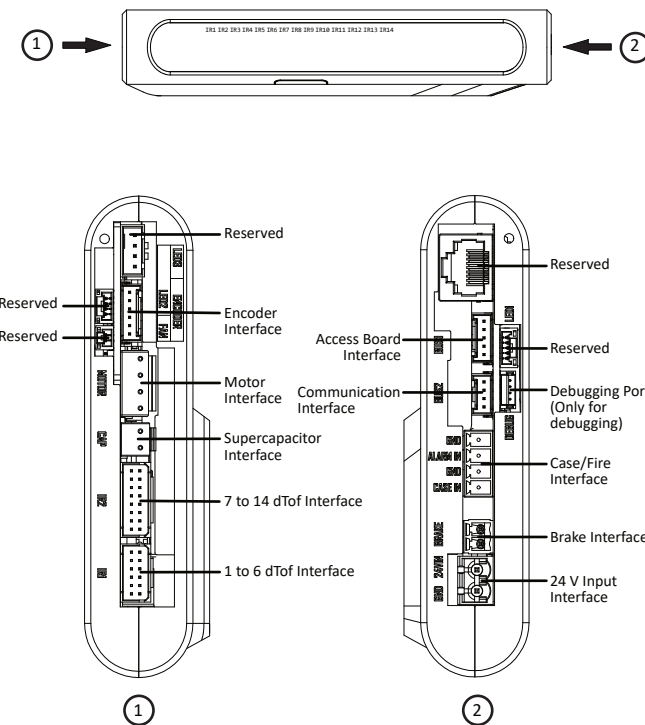
© Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

This product cannot be launched without the contribution of open source software. HIKVISION respects the Intellectual Property of others, has established and will continue to improve its open source compliance system. You can get this product's Open Source Software Declaration and Copyright Source Code by visiting <http://opensource.hikvision.com/home>.

Symbol Conventions

Symbol	Description
	Provides additional information to emphasize or supplement important points of the main text.
	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

● Lane Control Board

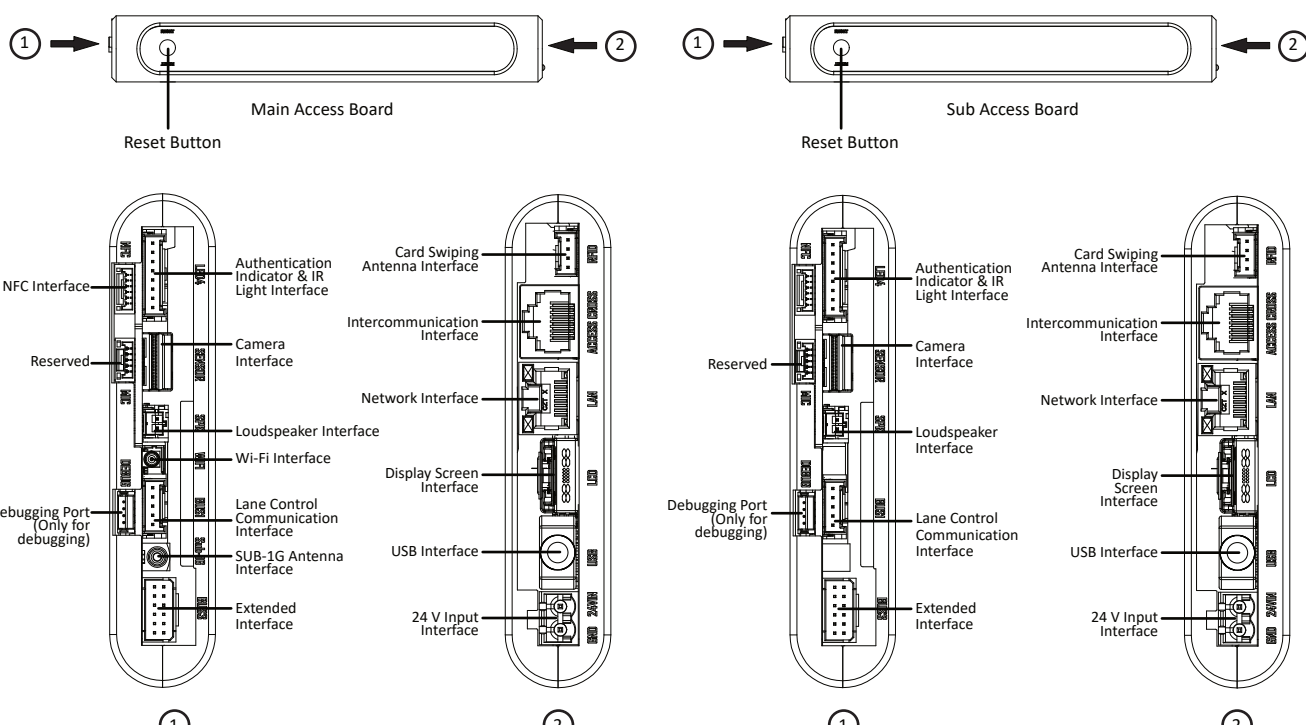


The case/fire interface enables door opening.

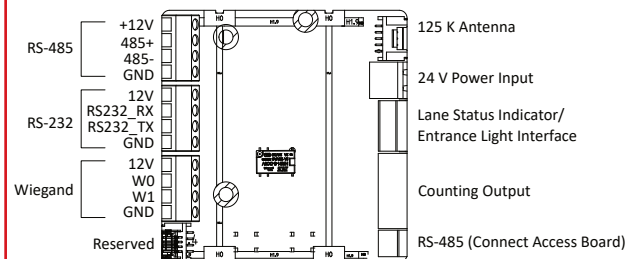
● Access Board



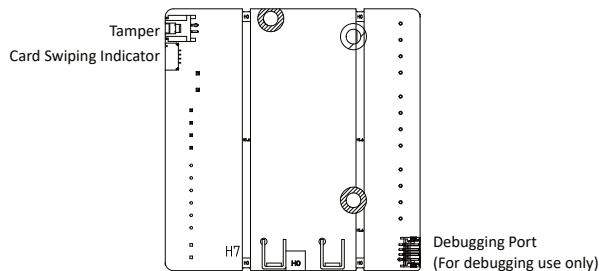
Hold the reset button for 5 s, the device will beep twice (main access board only) and start restoring to factory settings.



● Interface Board

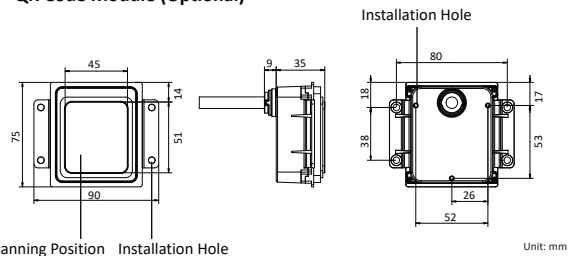


Front View

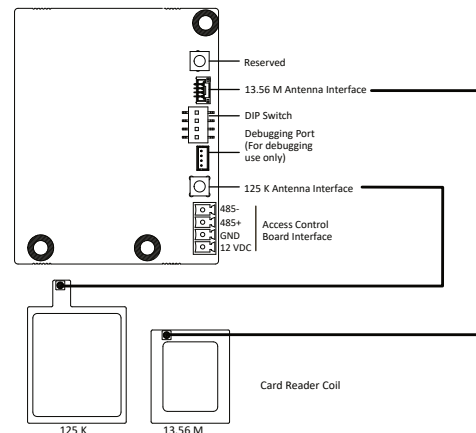


Rear View

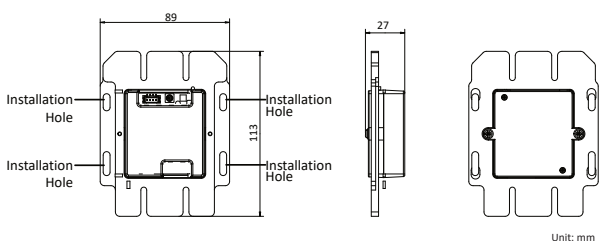
● QR Code Module (Optional)



● Card Reader Module (Optional)



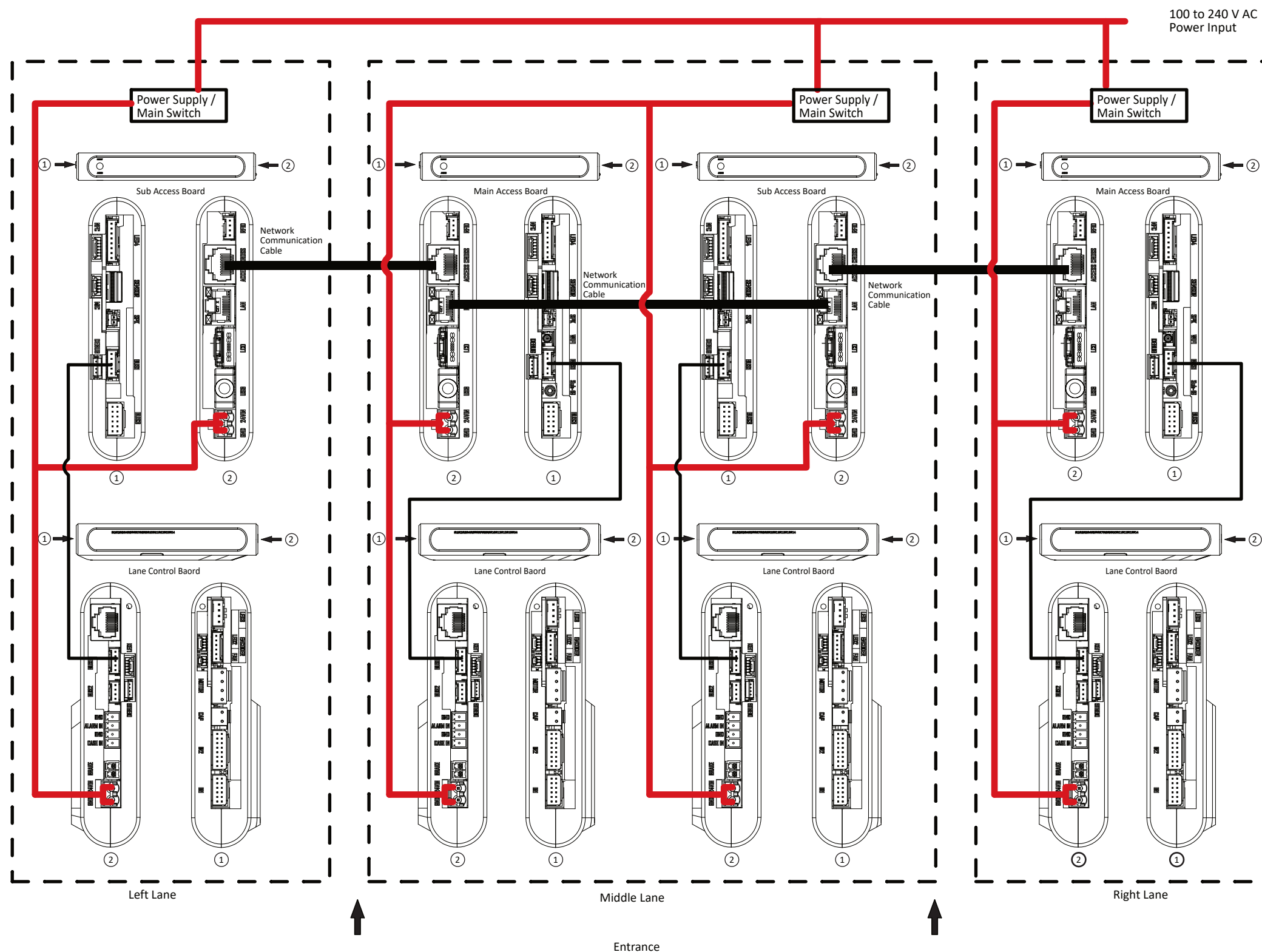
● Sub 1G Module (Optional)



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.

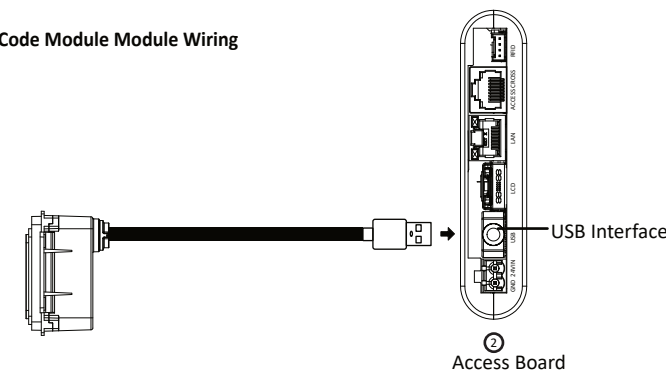
Hotspot Password: Device's Serial No.

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 management and access control management.

● QR Code Module Module Wiring



● Card Reader Module Module Wiring

