Access Controller

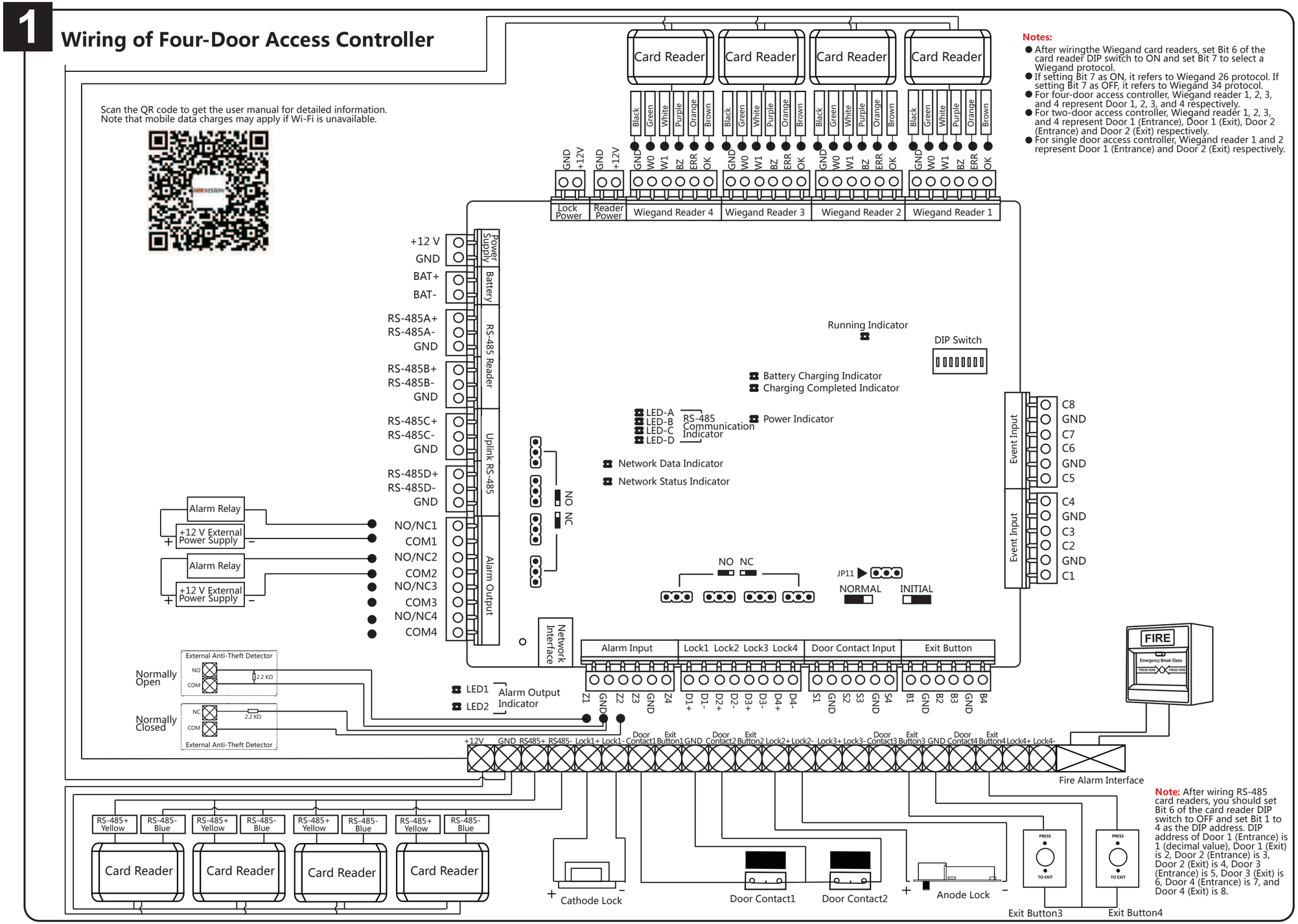
Quick Start Guide

UD17322B-A

1 Wiring of Four-Door Access Controller

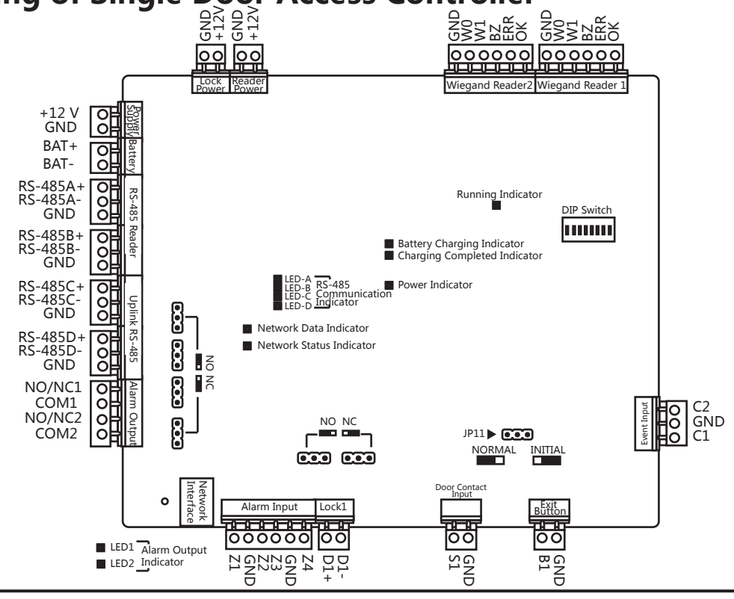
Scan the QR code to get the user manual for detailed information.
Note that mobile data charges may apply if Wi-Fi is unavailable.

Notes:
- After wiringthe Wiegand card readers, set Bit 6 of the card reader DIP switch to ON and set Bit 7 to select a Wiegand protocol.
- If setting Bit 7 as ON, it refers to Wiegand 26 protocol. If setting Bit 7 as OFF, it refers to Wiegand 34 protocol.
- For four-door access controller, Wiegand reader 1, 2, 3, and 4 represent Door 1, 2, 3, and 4 respectively.
- For two-door access controller, Wiegand reader 1, 2, 3, and 4 represent Door 1 (Entrance), Door 1 (Exit), Door 2 (Entrance) and Door 2 (Exit) respectively.
- For single door access controller, Wiegand reader 1 and 2 represent Door 1 (Entrance) and Door 2 (Exit) respectively.

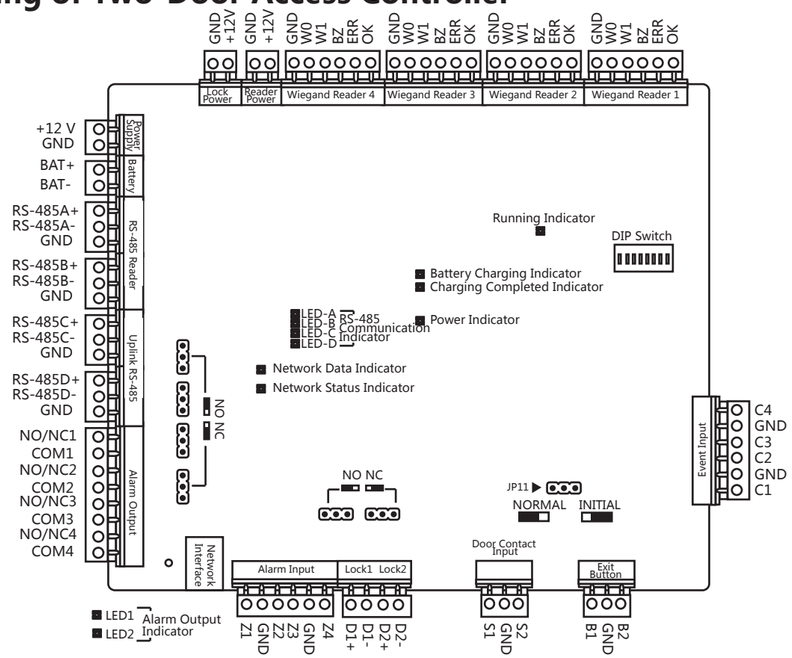


Note: After wiring RS-485 card readers, you should set Bit 6 of the card reader DIP switch to OFF and set Bit 1 to 4 as the DIP address. DIP address of Door 1 (Entrance) is 1 (decimal value), Door 1 (Exit) is 2, Door 2 (Entrance) is 3, Door 2 (Exit) is 4, Door 3 (Entrance) is 5, Door 3 (Exit) is 6, Door 4 (Entrance) is 7, and Door 4 (Exit) is 8.

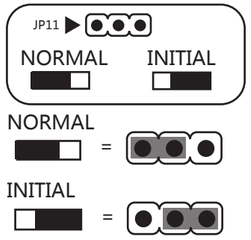
2 Wiring of Single Door Access Controller



3 Wiring of Two-Door Access Controller



4 Hardware Initialization



Note: The initializing of the hardware will restore all the parameters to the default setting and all the device events are wiping out.

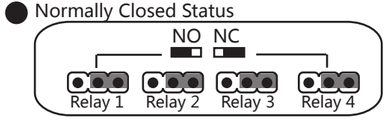
- **Choice 1**
  - Step 1: Remove the jumper cap from the Normal terminal.
  - Step 2: Disconnect the power and restart the access controller. The controller buzzer buzzes a long beep.
  - Step 3: When the beep stopped, plug the jumper cap back to Normal.
  - Step 4: Disconnect the power and restart the access controller.
- **Choice 2**
  - Step 1: Jump the jumper cap from Normal to Initial.
  - Step 2: Disconnect the power and reboot the access controller. The controller buzzer buzzes a long beep.
  - Step 3: When the beep stopped, jump the jumper cap back to Normal.
  - Step 4: Disconnect the power and reboot the access controller.

5 Relay NO/NC Settings

Set the realy NO/NC status when setting the lock output and alarm output. The position of the jumper cap position and the related NO/NC status are as follows:

- Normally Open Status

- Normally Closed Status



6 DIP Switch Settings of Card Reader

DIP Switch Settings of RS-485 Card Reader

Set Bit 6 of the card reader DIP switch to OFF and set Bit 1 to 4 as the DIP address.
Note: DIP address of Door 1 (Entrance) is 1 (decimal value), Door 1 (Exit) is 2, Door 2 (Entrance) is 3, Door 2 (Exit) is 4, Door 3 (Entrance) is 5, Door 3 (Exit) is 6, Door 4 (Entrance) is 7, and Door 4 (Exit) is 8.

DIP Switch of Door 1 (Entrance)

DIP Switch Settings of Wiegand Card Reader

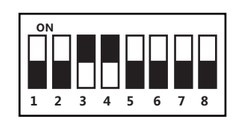
Set Bit 6 of the card reader DIP switch to ON and set Bit 7 to select a Wiegand protocol.
Note: If setting Bit 7 as ON, it refers to Wiegand 26 protocol. If setting Bit 7 as OFF, it refers to Wiegand 34 protocol.

DIP Switch of Wiegand 26 Protocol

DIP Switch Description

Take the 8-bit DIP switch as an example; No.1 to No 8 is from the low bit to the high bit.

When the switch is towards ON, it means the switch is enabled, otherwise, the switch is off. If you set the DIP switch like the figure displayed below, its binary value is 00001100, and its decimal value is 12.



7 Activation

You are required to activate the control panel first before you can use the control panel.
Activation via SADP, and activation via client software are supported.
The default values of the terminal are as follows:

- The default IP address: 192.0.0.64
- The default port No.: 8000
- The default user name: admin

Activate Device via Client Software

1. Get the client software from the official website. Install and run the client software.
2. Enter the Device Management page.
3. Click **Device** on the top of the right panel.
4. Click **Online Device** to show the online device area at the bottom of the page.
5. Check the device status (shown on Security Level column) and select an inactive device.
6. Click **Activate**.
7. Create a password in the password field, and confirm the password.
8. Click **OK** to activate the device.
9. Select an activated device in Online Device area, click ⊛ on the Operation column to open the Modify Network Parameter window. Change the device IP address to the same subnet with your computer if you need to add the device to the client.

Activate Device via SADP Tool

1. Get the SADP tool from the supplied disk. Install and run the SADP tool.
2. Check the device status from the device list, and select an inactive device.
3. Create a password in the password field, and confirm the password.
4. Click **Activate** to activate the device.
5. Check the activated device. You can change the device IP address to the same IP segment with your computer by either modifying the IP address manually or checking the checkbox of Enable DHCP.
6. Input the password and click **Modify** to complete the configuration.

STRONG PASSWORD RECOMMENDED– 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. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

Regulatory Information

FCC Information
Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
FCC Conditions
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the R&TTE Directive 1999/5/EC, the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recycle-this.info.

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

Industry Canada ICES-003 Compliance
This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.