TIMEWATCH®
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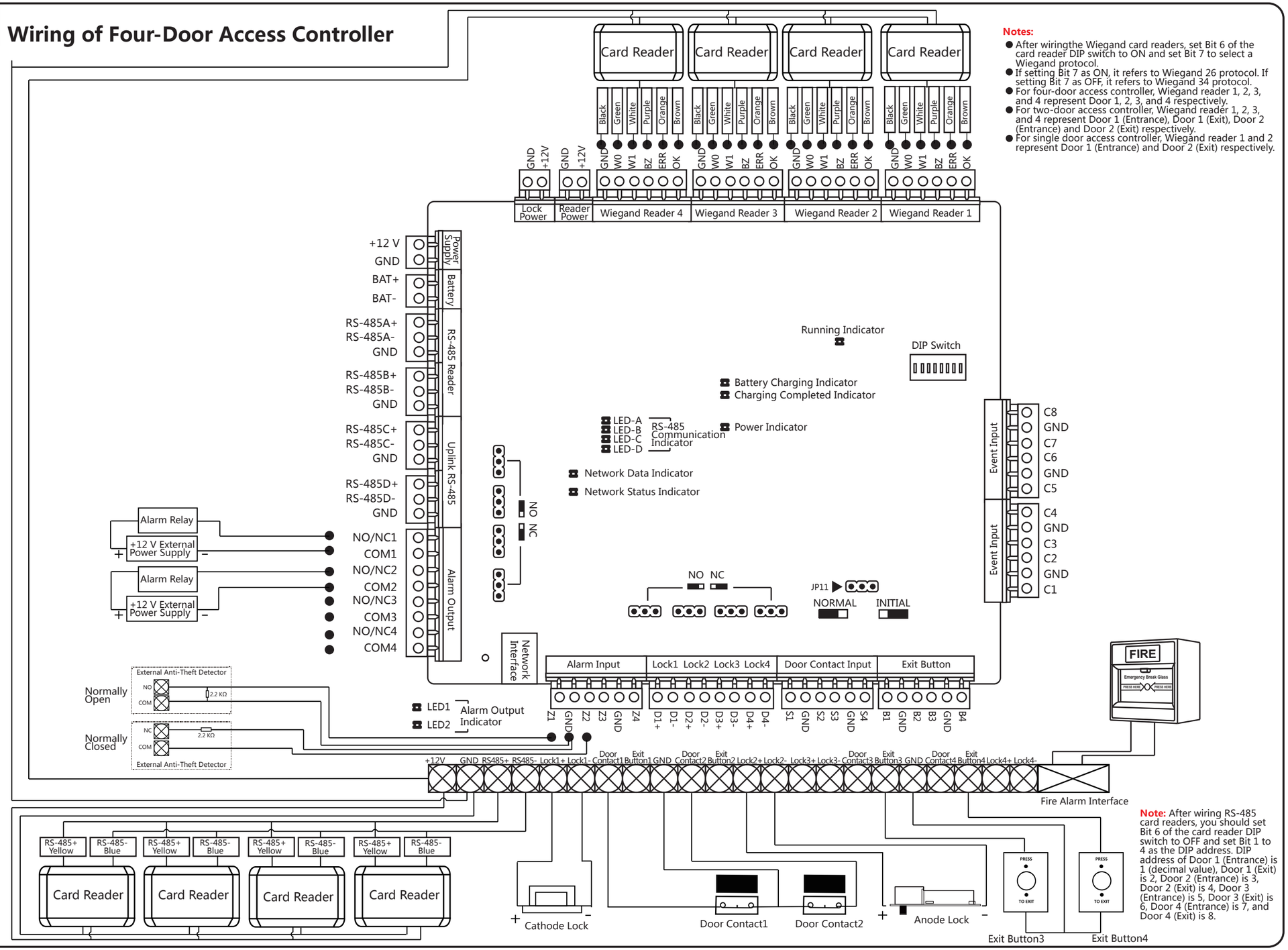
ULtra2600 Series Access Controller

Quick Start Guide

1 Wiring of Four-Door Access Controller

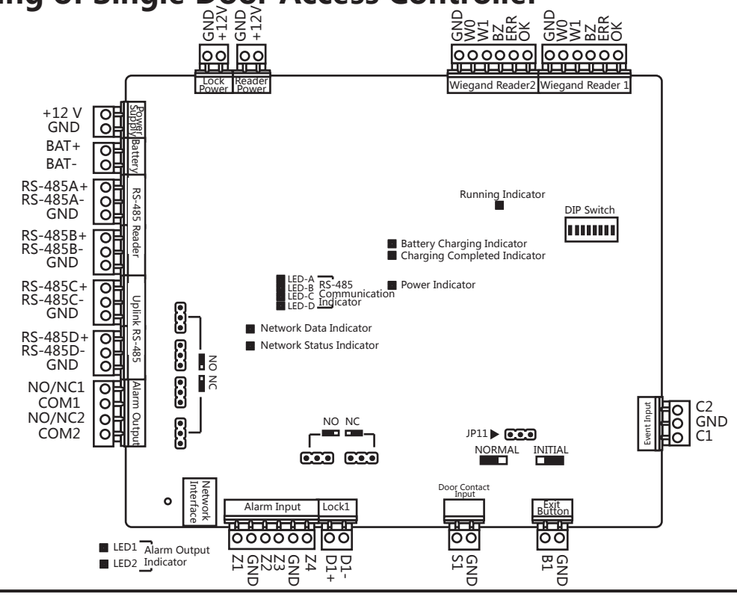


Notes:

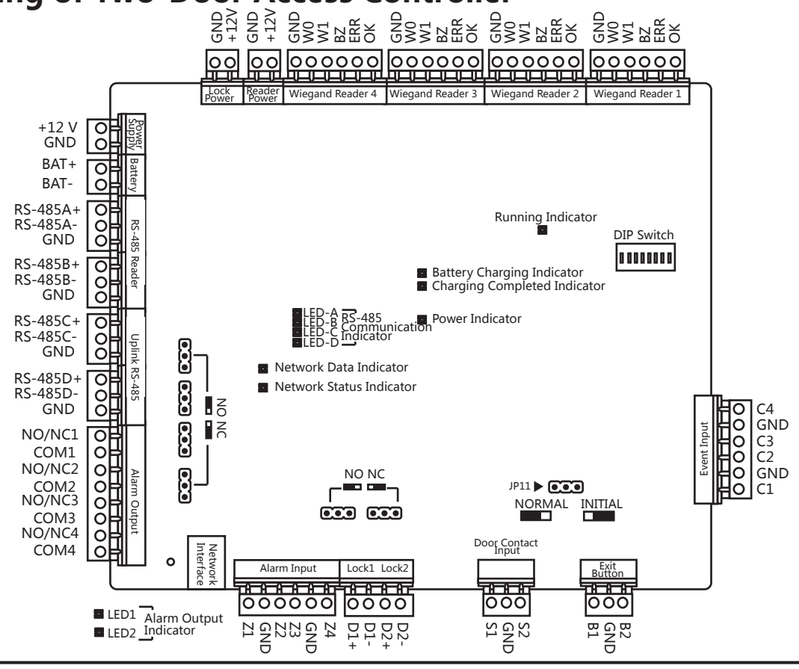
- After wiringthe Wiegand card readers, set Bit 6 of the card reader DIP switch to ON and set Bit 7 to select a Wiegand protocol.
- If setting Bit 7 as ON, it refers to Wiegand 26 protocol. If setting Bit 7 as OFF, it refers to Wiegand 34 protocol.
- For four-door access controller, Wiegand reader 1, 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.

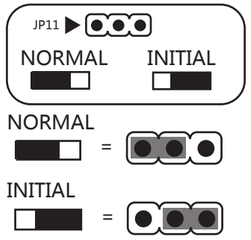
2 Wiring of Single Door Access Controller



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.

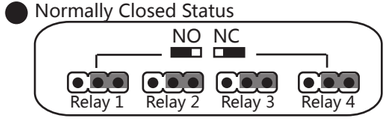
- **Choice 1**
  - Step 1: Remove the jumper cap from the Normal terminal.
  - Step 2: Disconnect the power and restart the access controller. The controller buzzer buzzes a long beep.
  - Step 3: When the beep stopped, plug the jumper cap back to Normal.
  - Step 4: Disconnect the power and restart 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 Tams 9.5 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 Tams 9.5 AC Software

1. Get the Tams 9.5 software from the official website www.timewatchindia.com . Install and run the 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.

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.