

### TCP/IP turnstile access controller wiring diagram explanation

**Wire from card reader to access controller:** suggest using 8 core multi-strand twisted-pair shielded cable. 2 cables to be connected to 12V+, 2 cables to be connected to GND, GREEN line for D0, White line for D1, Blue line for LED/BUZZER line. Line diameter should be > 0.5mm, and the distance between reader and controller should be less than 60meters, shield line for access control's GND.

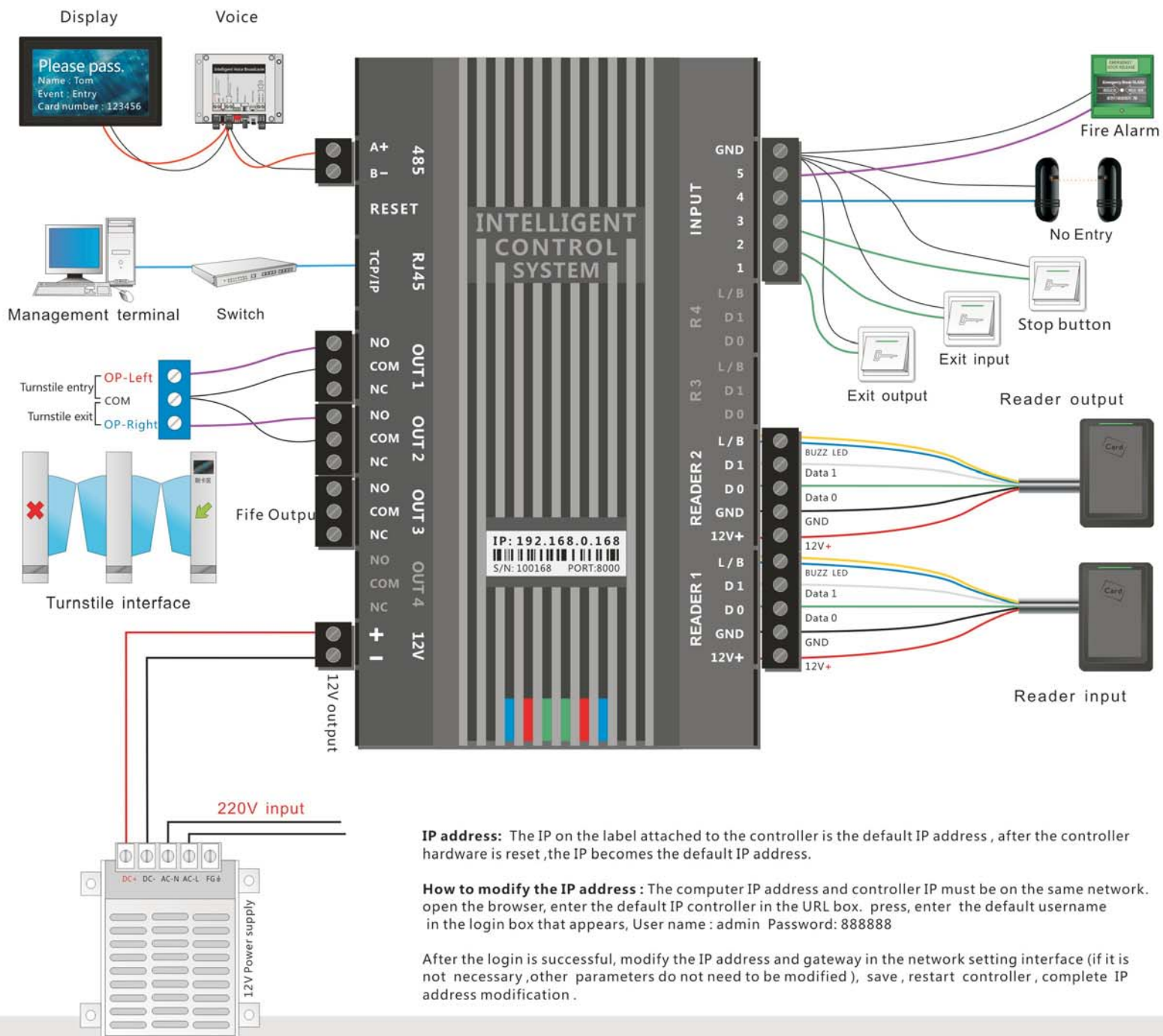
**Wire from release button to access controller:** Suggest 2 core line, line diameter should be >0.3mm. We can use 2 lines of 8 core network line.

**Wire from turnstile to controller:** suggest using 2 core power supply line. Line diameter should be >1mm. If distance between lock and controller is >50 meters, we should use thicker line, or use more lines for example 2 lines or more for lock's 12V line, and 2 lines or more for lock's GND.

**Wire from door sensor to access controller:** suggest using 2 core line. Line diameter should be >0.3mm.

**How to reset access controller:** 1, Hardware reset operation: use sharp things like clip/refill/screw/tooth pick/iron wire to plug into reset pole, and press down the reset key reset key for 4 sec. After hearing beep, beep, release reset key, and repower controller. TCP controller will automatically restart.

2, Open software, right click on controller icon to be initialized---device---reset access controller.



**IP address:** The IP on the label attached to the controller is the default IP address, after the controller hardware is reset, the IP becomes the default IP address.

**How to modify the IP address:** The computer IP address and controller IP must be on the same network. open the browser, enter the default IP controller in the URL box. press, enter the default username in the login box that appears, User name : admin Password: 888888

After the login is successful, modify the IP address and gateway in the network setting interface (if it is not necessary, other parameters do not need to be modified), save, restart controller, complete IP address modification.