



ENGLISH

- 1 Component**
- Indicator**
 - Slowly flashing light green: Waiting for enrollment
 - Solid green: Enrolled
 - Quickly flashing orange: Alarm
 - Green and orange flashing alternately: Enrolling
 - Solid orange: Enrolling failed/Fault (Disconnected)
 - Slowly flashing green: Find me mode

2 Installation

- 3 Wiring**
- A. 3EOL Wiring Method: Resistor of Tamper (RT): 1kΩ
 Resistor of Alarm (RA): 1kΩ
 Resistor of Fault/Masking (RF): 2.2kΩ

Detector Status	RT	RA	RF	Circuit Resistance
Tamper	Open	Close	Close	∞
Normal	Close	Close	Close	1KΩ
Alarm	Close	Open	Close	2KΩ
Fault	Close	Close	Open	3.2KΩ
Masking	Close	Open	Open	4.2KΩ
Short Circuit	End resistance of the entire circuit is 0Ω.			

4 Address Setting

Configure the address via DIP switch of the input module before powering on the system. The address should be in the range (0 to 63). The address of each module should be unique. The binary value shown in the diagram is 000011, which means the decimal value is 3, so the address of the module is 3.

5 Configuration

Enter the control panel IP address to log in the web client. Click **Device** -> **Module**. You can edit the module name and enable/disable auxiliary power output.

Specification

Alarm input	8
IO Output	2 (collector outputs, used as control signal of relay module)
Bus	2 × Speed-X bus (high-speed), 1 input for control panel connection and 1 output for expander cascading
Tamper-Proof	Support (front and rear)
Power supply	9 to 15 VDC
Power consumption	Maximum current 119 mA@12 VDC; Quiescent current 45 mA@12 VDC;
Output Voltage	9 to 15 VDC (Same voltage as power supply)
Output Current	Maximum 500 mA
Operation temperature	-10°C to 40°C
Operation humidity	10% to 90%
Shell material	Plastic
Dimension (W×H×D)	110 mm × 155 mm × 32 mm
Weight	253 g

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.

