

ENGLISH

1 APPEARANCE

1. Wiring Terminal
2. Learn Button

2 WIRING

1. Power Input Wiring
2. Relay Output Wiring
3. Peripheral Tamper-Proof Wiring

3 ENROLLMENT

4 INSTALLATION

Paste the expander on the required place with sponge tape.

5 FORMATTING

Hold the Learn button for 8 s, and meanwhile power the expander on.

Specification

Function button	1, for initialization
Scenario settings	By alarm, by operation, by fault, by schedule, by manual
Alarm input	1, for tamper, NO/NC
Relay output	1, NO/NC (Max.5A at 36VDC)
Voltage protection	Supported, cut off when ≤ 6.5 V or ≥ 36.5 V
RF method	Two way communication
RF frequency	915 MHz
RF distance	1800 m
Power supply	7 VDC to 24 VDC
LEDs status	3, register/alert (green/red), power (green), relay status (blue)
Operation temperature	-10°C to +55°C
Operation humidity	10% to 90%
Shell material	Plastic
Dimension (W x H x D)	38 x 25 x 18mm
Weight	28.5 g
Installation method	Wall mounting

The diagram is divided into five numbered sections:

- 1 APPEARANCE:** Shows the front and back views of the relay module. The front view has a 'HIKVISION' logo and five indicator LEDs. The back view shows a 'Learn' button.
- 2 WIRING:** Shows a terminal block with three terminals labeled 'PS IN', 'RELAY', and 'TAMPER'. Each terminal has a '+' and '-' sign. Wires are shown connected to these terminals.
- 3 ENROLLMENT:** Shows a smartphone app interface with a 'Device' button. A red circle highlights the 'Device' button. A red arrow points from the 'Device' button to the terminal block.
- 4 INSTALLATION:** Shows the relay module being mounted on a wall. A red circle highlights the 'Signal Strength Test' button on the app. A red arrow points from the 'Signal Strength Test' button to the terminal block.
- 5 FORMATTING:** Shows a hand holding the 'Learn' button on the back of the module. A red circle highlights the 'Learn' button.

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About this Manual

The Manual 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 Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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CAUTION



1. Install the equipment according to the instructions in this manual.
2. This equipment is not suitable for use in locations where children are likely to be present.
3. To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.
4. No naked flame sources, such as lighted candles, should be placed on the equipment.
5. + identifies the positive terminal(s) of equipment which is used with, or generates direct current. - identifies the negative terminal(s) of equipment which is used with, or generates direct current.
6. A readily accessible disconnect device shall be incorporated external to the equipment.
7. The socket-outlet shall be installed near the equipment and shall be easily accessible.
8. Burned fingers when handling the device. Wait one-half hour after switching off before handling the parts.
9. Use only power supplies at the standard of 7VDC to 24 VDC.



indicates hazardous live and the external wiring connected to the terminals requires installation by an instructed person.

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.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

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