EN50131-1:2006+A2:2017
EN50131-3:2009
EN50131-5-3:2017
Security Grade 2
Environmental Class II

Wireless Tag Reader

Product Information

English

Diagram Reference

1 Appearance
① Indicator
② Front Panel
③ Mounting Bracket
④ TAMPER Sheet
⑤ Rear Panel
⑥ TAMPER Button (Remove Mounting Bracket)

TAMPER Button
Tampering Alarm: If the tag reader is disassembled, an alarm will be triggered.

Indicator
● Operation:
Armed: Green LED flashes once.
Disarmed: Red LED flashes once.
Formatted: Red LED flashes 3 times.
Enrolled: Green LED flashes 8 times.
Operation Failed: Orange LED flashes once.
Low Battery: Green LED flashes 5 times.
● Display Signal Strength:
Under the signal strength checking mode:
Strong Signal: Solid green for 3s (interval: 15s), until the control panel exits the signal strength checking mode.
Weak Signal: Solid red for 3s (interval: 15s), until the control panel exits the signal strength checking mode.
No signal: No light.

Buzzer
● Tampering Alarm: 5 beeps.

2 Power On
1. Loosen the four screws on the rear panel.
2. Remove the rear panel.
3. Install four AAA batteries according to the polarity mark.
Note: 1. Do not reverse the polarity of the battery. 2. Indicators light after powering on. Low power: Green LED flashes 5 times. Normal power: Solid green for 5s. 3. Alkaline batteries are recommended.

3 Enrollment
ⓐ Enroll the Tag Reader Locally
Power on the security control panel. Press the function button once and then present the tag or trigger tampering alarm. Add the tag reader according to the voice prompt. The green LED of the reader will flash 8 times after being successfully enrolled.
Note: The distance between the security control panel and the reader should be less than 50 cm.

ⓑ Register the Tag Reader via APP
1. Log in to the **APP Store** and input "Hik-Connect" to search the mobile client.
2. Download and install Hik-Connect to your phone.
3. After installing, tap ⊙ to run the client.
4. Power on the security control panel.
5. Log in the Hik-Connect and tap the icon "+" at the upper-right coner of the Hik-Connect page to add the security control panel. You can scan the QR code on the device rear panel or on the package box, or input the device serial No. manually to add the device when the device is in the registration mode.
6. After adding the security control panel, tap the arming status icon on the right of the security control panel's name to enter the Partition page.
7. Tap the "+" icon on the Partition page to add the peripherals.

ⓒ Register the Tag via Web Client
Enter control panel address in web page to enter the web client. Click "User Management - Card - Add" and swipe the tag on the device. After a beep, the tag information will appear in the list.

4 Installation
1. Check Signal Strength
Press the function button twice on the control panel and then present the tag or trigger tampering alarm to enter the check signal strength mode.
Strong Signal: Solid green for 3s (interval: 15s)
Weak Signal: Solid red for 3s (interval: 15s)
2.Loosen the set screw at the bottom of the reader and remove the mounting bracket.
3. Fix the mounting bracket on the wall with three supplied screws.
4. Hang the tag reader onto the mounting bracket and tighten the set screw.
Note: Installation: open area, far away from metal. Wall: soomth surface, 4 times the weight of the device. Screws: use screws in the accessory bag.
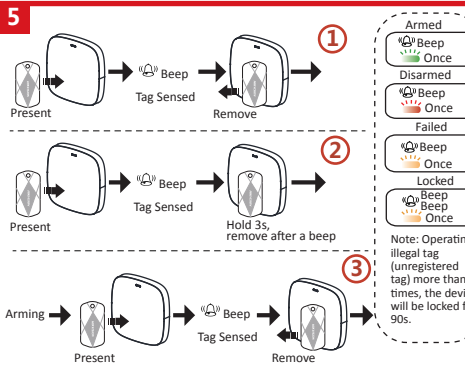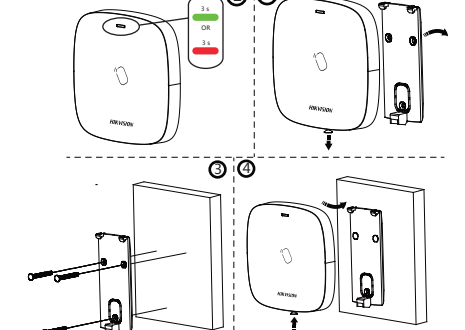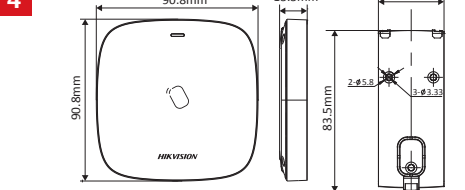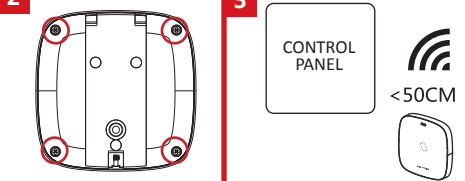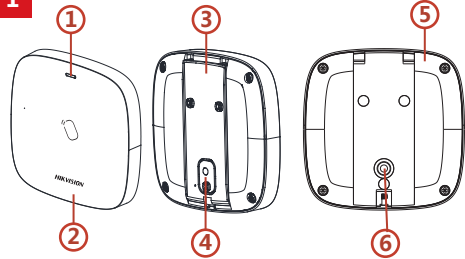
5 Operation
① Away Arming
② Stay Arming
③ Disarming

Formatting
Remove the battery. Hold the TAMPER button and power the reader on at the same time. After 5s, the red LED flashes 3 time, which means the formatting is completed.

Specification

Model		Wireless Tag Reader
Wireless module	RF speed	10.0kbps/4.8kbps
	RF method	Two way communication
	RF encryption	AES-128
	RF frequency	433/868 MHz
	RF mudulation	2GFK
	RF distance	800 m (open area)
	RF power	10 dBm
Interface & component	TAMPER switch	1
	Indicator	3 colors: red, green and orange
	Buzzer	Prompt for tag operation and tampering alarm
Electrical & battery	Power	3V DC power input
	Battery type	4 AAA batteries
	Battery life span	5 years in stand-by status
Others	Operation humidity	10% to 90% (no condensing)
	Operation temperature	-20°C to +60°C (-4°F to +140°F)
	Dimension (W × H × D)	90.78 mm × 90.78 mm × 15.5 mm (3.57" × 3.57" × 0.61")
	Color	Black and white
	Protection level	IP65
	Installation	Wall mounting

1

2

3

CONTROL PANEL

<50CM

4

90.8mm   15.5mm   34.0mm

90.8mm

83.5mm

2-φ5.8   3-φ3.33

3 s / OR / 3 s

screw

5

Present → Beep Tag Sensed → Remove → ①
Armed: Beep Once

Present → Beep Tag Sensed → Hold 3s, remove after a beep → ②
Disarmed: Beep Once
Failed: Beep Once
Locked: Beep Beep Once

Arming → Present → Beep Tag Sensed → Remove → ③

Note: Operating illegal tag (unregistered tag) more than 3 times, the device will be locked for 90s.

Riferimenti agli schemi

Diagrama de referencia

Пояснения к схемам

Schaubild

Opis diagramu