

DS-PWA32-HR

HIKVISION

Wireless Security Control Panel UD11755B

ENGLISH

Diagram References

1 Appearance

- Note: The function of GPRS or 3/4G (implemented with built-in SIM card slot) depends on the model of the device.
- ① AC Power
 - ② Power On
 - ③ Power Off
 - ④ Arm /Disarm
 - ⑤ Alarm
 - ⑥ SIM Card Slot
 - ⑦ Tamper Spring
 - ⑧ Reset Button
 - ⑨ Alarm Occurred
 - ⑩ Device Tampered
 - ⑪ AP&STA Switch
 - ⑫ Battery Connector
 - ⑬ Network Interface
 - ⑭ Power Interface

Note: Remove the rear cover, and some of the components and interfaces are on the rear panel.

2 Installation

- Loosen the screw on the rear cover. Slide down the rear cover and remove it from the control panel.
- Insert a SIM card into the SIM card slot.
- Connect the battery to the control panel and a power outlet. The power indicator turns green about 30s later, which means that the device is powered on.
- Connect the power adapter to the control panel and a power outlet. The power indicator turns green about 30s later, which means that the device is powered on.
- Connect the Ethernet cable to an internet outlet. While the device is added to a Hik-Connect account, the link indicator turns green.
- Secure the rear cover in the installation position with the supplied screws. Attach the control panel on the rear cover, and tighten the rear cover screw to complete the installation.

3 Set Up

Set up via APP

- Log into the App Store or Google Play and input Hik-Connect to search and install the mobile client.
- Log into the APP with Hi-Connect account.
- Tap Add Device. Scan the device QR code on the rear panel (on the label).
- Tap Connect to a Network. Select Wireless Connection (AP) as the connection mode.
- Push the AP/STA mode switch to the AP position, tab Confirm.
- Tap Connect to Wi-Fi on the prompt-up window. Select and connect to a stable Wi-Fi, and click Next.
- Create a password to activate the device.
- Push the AP/STA mode switch to the STA position.

Set up via Web Client

- Default IP Address when using mobile browser in the AP mode: 192.168.8.1. The device must be in the AP mode.
- Default IP Address when connecting the network cable with computer directly: 192.0.0.64

- Input the device IP address in the address bar of the web browser. Create a password to activate the device and log into the web client.
- Click System-Network Camera, and you can add two cameras for the control panel.
 - Click Wireless Device-Zone, select a zone, click the Settings icon, and select a camera to link with the zone.

Set up via 4200 Client

- Download and install the iVMS-4200 client.

- Get the client software from the official website: www.hikvision.com
- Enter Device Management page, select the device in the Online Device List, click Edit Network Settings, change the port to 80, and click Add to Client.

Note: You should activate the device for the first usage.

4 Function Button Operation

Note: Add and set key via the web client before adding peripheral device for clearing tampering alarm.

Add Peripheral Device

While the control panel is not in the configuration mode, press the function button on the side of the control panel once and trigger a peripheral device.

Check RF Signal

While the control panel is not in the configuration mode, double press the function button, and you can check the RF signal strength on the peripheral device.

Specification

| | | |
|------------------------|---------------------------|---|
| Wireless Device | Alarm Input | 32 |
| Connection | Alarm Output | 32 |
| Interaction | Siren | 2 |
| RF | Frequency | 868MHz |
| Wireless Network | RF Modulation | 2FSK |
| Cellular Network | RF Frequency | 1.35W |
| Wi-Fi | RF Modulation | 2FSK |
| Application & Protocol | RF Distance | 800m (Open Area) |
| User | RF Modulation | 10M/100M Self-adaptive |
| Others | Ethernet | Supports report push-notification to ARC & Cloud, text notification via SMS and audio notification via phone call |
| | Standard | IEEE 802.11b/g/n |
| | Encryption | Supported |
| | Channel | 2.4G |
| | Application | iVMS-4200 and mobile APP |
| | Protocol | PSA, Contact ID |
| | IC Card | 12 |
| | User | 1 (1/1) Installer, 1 Administrator and 11 General User |
| | Power | 5 VDC 10W |
| | Consumption (without HDD) | <5.0W |
| | Operation Temperature | -10°C to 55°C |
| | Operation Humidity | 10% to 90% |
| | Shell Material | PC, ABS |
| | Dimension (WHxD) | 155 x 155 x 35mm |

DS-PD2-P10P-W

HIKVISION

Wireless 10m Pet Immune PIR Detector

EN50131-2-2 2008
EN50131-1 2006+A1 2009
Environmental Class I (EC) II
Security Grade (SG) 2

ENGLISH

Diagram References

1 Wireless device control

2 Registration

Please register the detector within 90 seconds after it being powered on.

Add Locally

- Make the security control panel enter the registration mode.
- Add the detector: Hold the registration key until the three LEDs flash alternately. The green LED will flash 8 times if the registration is finished.
- Communication Test: Release the TAMPER spring to trigger the alarm.

Note: The distance between the security control panel and the detector should be less than 50 cm.

Initialize the Detector

- Remove the battery to power the detector off.
- 5s later, hold the registration key and reinstall the battery to power the detector on at the same time to make the three LEDs start flashing alternately. Release the registration key while the three LEDs flash once together.

3 Diagnostics (Check Signal Strength Before Mounting)

Make sure the LED keeps green at the installation position when the detector is in the signal strength mode before mounting.

4 Bracket Wiring

Specification

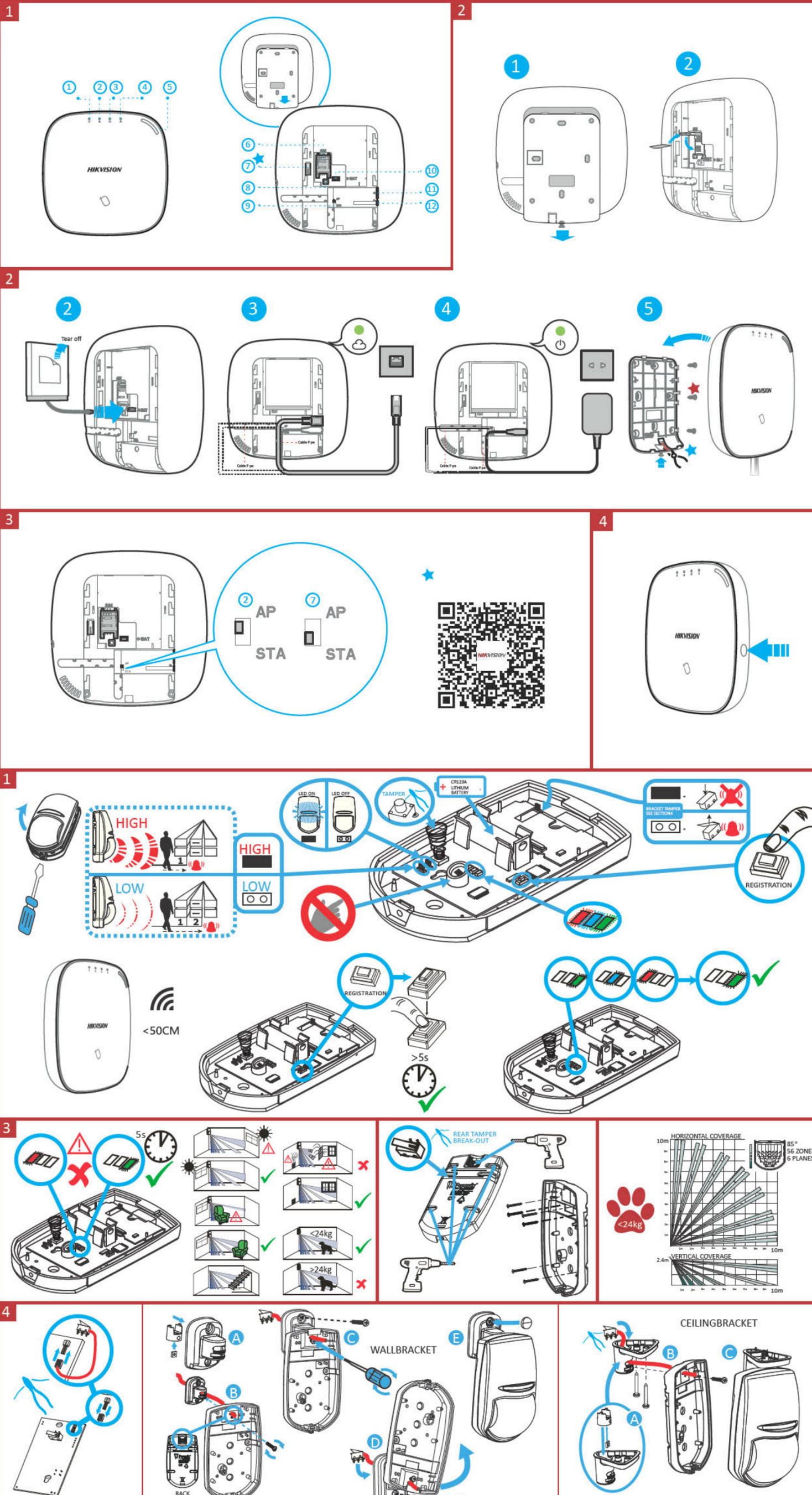
| | | |
|---------------------------|----------------------------------|--|
| Lens characteristics | Detection Range | 10m |
| | Detection Angle | 85° |
| | Detection Zones | 56 zones and 6 planes |
| | Detection Speed | 0.3-3.0 m/s |
| Key features | Mounting Height | 1.8-2.4m |
| | Animal Immunity | 24kg |
| | Blue Wave Technology | Supported |
| | Digital Temperature Compensation | Supported |
| Wireless | Tamper Protection | Front, rear, and bracket tamper signal input |
| | Signal Strength Indicators (SSI) | Supported |
| | Frequency | 868MHz |
| | Modulation | 2GFSK |
| Electrical specifications | Range in open space | 800m |
| | 3V lithium battery included | 1x CR123A |
| Other details | General battery life (years) | 2 |
| | Operating / storage | -10°C to +40°C (Certified) |
| Accessories | Weight | 125g |
| | Dimensions (H x W x D) | 117 x 69 x 50mm |
| | Ceiling Mounted Bracket | Supported |
| | Wall Mounted Bracket | Supported |

Battery Information

The batteries supplied have been chosen to provide long service life whilst, for safety reasons, having limited output current. The battery is protected on purchase by a piece of plastic that must be removed for operation. When disposing of the product, the battery must be removed and disposed of separately in accordance with the local regulations.

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the RE Directive 2014/53/EU, the RoHS Directive 2011/65/EU.

For electrical products sold within the European Community. At the end of the electrical products life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice in your country.



DS-PD1-MC-WWS

HIKVISION
 ENS0131-2-6 2008
 ENS0131-5-3 2005+A1 2008
 Security Grade (SG) 2
 Environmental Class (EC) II

ENGLISH

Diagram References

Installation Notes

It is recommended the contact is learned at the control panel. A signal strength test should then be performed to make sure the most suitable location is chosen, ensuring optimum wireless range.

Installation Surfaces

The contact can be mounted on typical building materials; such as wood, PVC, brick or metal etc.

Programming Menu Required

1 WIRELESS DEVICE CONTROL (REGISTER WIRELESS DEVICE)

Register Locally

1. Make the security control panel enter the registration mode.
2. Register the detector: Hold the learn key until the three LEDs flash alternately. The green LED will flash 8 times if the registration is finished.
3. Communication Test: Release the TAMPER spring to trigger the alarm.

Note: The distance between the security control panel and the detector should be less than 50 cm.

Initialize the Detector

1. Remove the battery to power the detector off.
2. 5s later, hold the registration key and reinstall the battery to power the detector on at the same time to make the three LEDs start flashing alternately. Release the registration key while the three LEDs flash once together.

2 DIAGNOSTICS

Make sure the LED keeps green at the installation position when the detector is in the signal strength mode before mounting.

Specification

| | | |
|---------------------------|-------------------|---|
| Wireless | Frequency | 868MHz |
| | Modulation | 2GFSK |
| | Method | Fully encrypted rolling code |
| Battery | Type | 3.0V CR123A |
| | Threshold | 2.5V +/- 5% at 25°C |
| | Life | Up to 2 years |
| Materials and Environment | Colour and Casing | White, 2mm ABS |
| | Indication | LEDs (Signal, Battery, Alarm, Tamper) |
| | Temperature | -10°C to 40°C (Certified) |
| Dimensions (H x W x D) | | Sensor 27 x 104 x 25mm Magnet 14 x 49 x 16mm |

Magnet Detection Performance

| Axes of Operation | Event | Without Nominal Distance | Distance in Air | Distance on Iron | With Nominal Distance | Distance in Air | Distance on Iron |
|-------------------|----------|--------------------------|-----------------|------------------|-----------------------|-----------------|------------------|
| Z+ | Remove | 35mm | 24mm | 32mm | 20mm | 20mm | 20mm |
| | Approach | 33mm | 20mm | 30mm | 18mm | 18mm | 18mm |
| Z- | Remove | 35mm | 22mm | 32mm | 20mm | 20mm | 20mm |
| | Approach | 33mm | 20mm | 30mm | 18mm | 18mm | 18mm |
| Y | Remove | 24mm | 12mm | 20mm | 7mm | 7mm | 7mm |
| | Approach | 22mm | 10mm | 18mm | 6mm | 6mm | 6mm |
| X+ | Remove | 14mm | 13mm | 16mm | 10mm | 10mm | 10mm |
| | Approach | 13mm | 12mm | 15mm | 9mm | 9mm | 9mm |
| X- | Remove | 14mm | 13mm | 16mm | 10mm | 10mm | 10mm |
| | Approach | 13mm | 12mm | 15mm | 9mm | 9mm | 9mm |

Spacers available if required: SPACER-WE and SPACERBROWN-WE

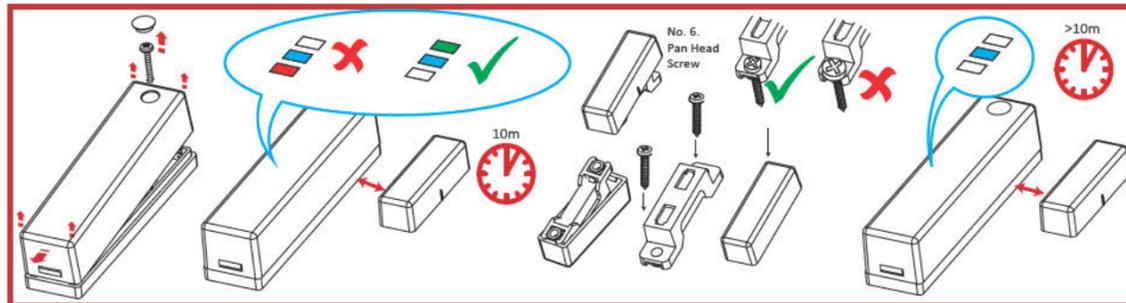
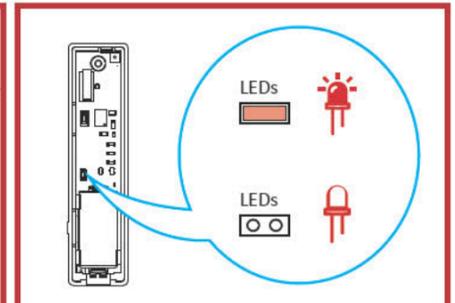
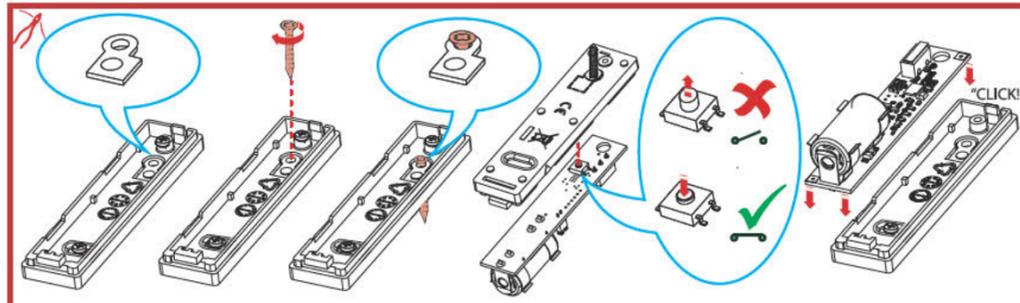
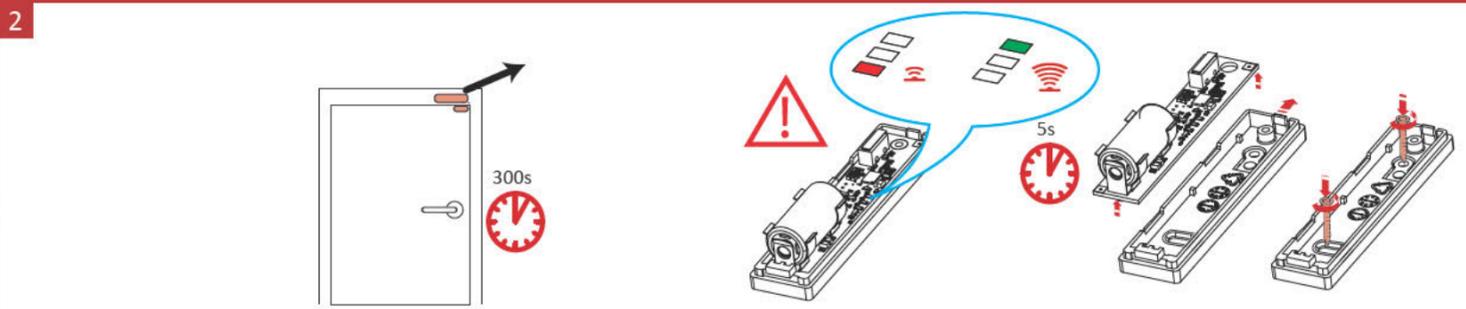
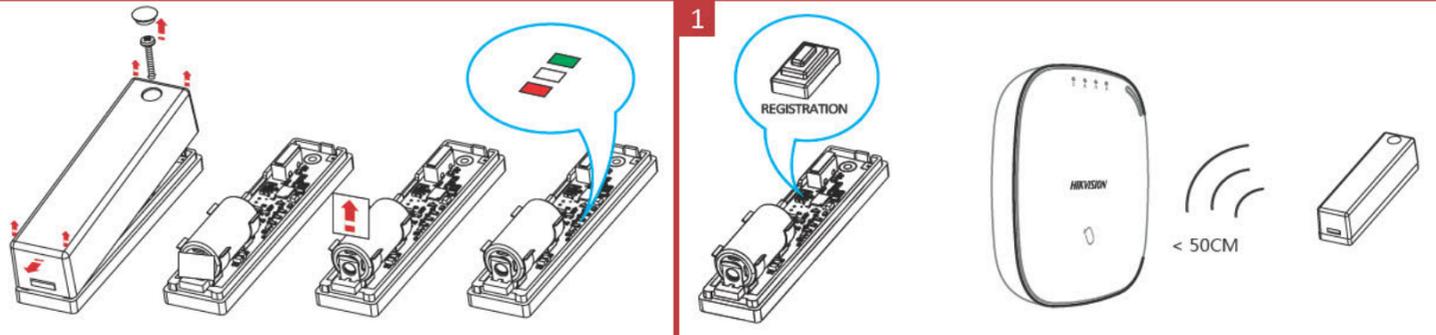
Battery Information

- The batteries supplied have been chosen to provide long service life whilst, for safety reasons, having limited output current.
- The battery is protected on purchase by a piece of plastic that must be removed for operation. When disposing of the product, the battery must be removed and disposed of separately in accordance with the local regulations.

Product Warning Information

For electrical products sold within the European Community. At the end of the electrical products life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

To prevent possible damage to components any static charge on your body needs to be eliminated before touching the inside of the unit. This can be accomplished by touching some grounded/earthed metallic conductor such as a radiator/pipework immediately before replacing the batteries.



Product Information

COPYRIGHT ©2018 Hangzhou Hikvision Digital Technology Co., Ltd. ALL RIGHTS RESERVED.
 Any and all information, including, among others, wordings, pictures, graphs are the properties of Hangzhou Hikvision Digital Technology Co., Ltd. or its subsidiaries (hereinafter referred to be "Hikvision"). This user manual (hereinafter referred to be "the Manual") cannot be reproduced, changed, translated, or distributed, partially or wholly, by any means, without the prior written permission of Hikvision. Unless otherwise stipulated, Hikvision does not make any warranties, guarantees or representations, express or implied, regarding to the Manual.

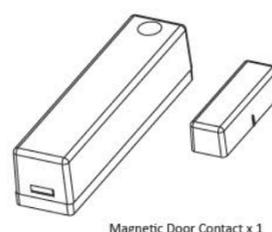
About this Manual
 This Manual is applicable to the Axiom Security Control Panel kit. The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website (<http://overseas.hikvision.com/en/>). Please use this user manual under the guidance of professionals.

HIKVISION Trademarks Acknowledgement and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions. Other trademarks and logos mentioned below are the properties of their respective owners.

Components



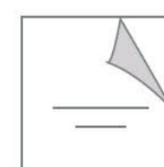
Control Panel x 1



Magnetic Door Contact x 1



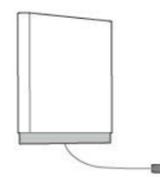
Detector x 1



Quick Start Guide x 1



IC Card in Special Shapes x 5



Battery x 1



Power Adapter x 1



Screw x 4

DS-PD1-MC-WWS

Wireless Magnetic Contact

FRANÇAIS PORTUGUÊS ITALIANO ESPAÑOL РУССКИЙ

Références du schéma Referências do diagrama Riferimento schemi Referencias del diagrama Пояснения к рисункам

Remarques concernant l'installation
Il est conseillé d'effectuer l'acquisition du contact sur le panneau de commandes. Un test de force du signal doit ensuite être réalisé afin de s'assurer que le lieu le mieux adapté est choisi pour garantir une plage sans fil optimale.
Surfaces d'installation
Le contact peut être monté sur des matériaux de construction typiques, tels que bois, PVC, brique, métal, etc.
Menus de programmation nécessaires

Notas de instalação
Recomenda-se que o contato seja registrado no painel de controle. Um teste de intensidade do sinal deve ser executado em seguida para certificar que o local mais adequado seja escolhido, garantindo uma distância sem fio ideal.
Superfícies de instalação
O contato pode ser montado em materiais de construção típicos, como madeira, PVC, tijolo, metal, etc.
Menus de programação requeridos

Note di installazione
Si suggerisce di registrare il contatto presso il pannello di controllo. Occorre eseguire un test di intensità del segnale per scegliere la posizione più adatta e garantire la massima portata del collegamento wireless.
Superfici di installazione
Il contatto può essere montato sui tipici materiali da costruzione, quali legno, PVC, mattoni, metallo ecc.
Programmazione menu richiesta

Notas sobre la instalación
Se recomienda memorizar el contacto en el panel de control. Luego, debe realizarse una prueba de intensidad de señal para garantizar la selección de la ubicación más adecuada para asegurar un alcance inalámbrico óptimo.
Superficies de instalación
El contacto puede montarse sobre materiales de construcción típicos, como madera, PVC, ladrillo, metal, etc.
Programación de menús requerida

Примечания к установке
Рекомендуется выполнять обнаружение контактного датчика на панели управления. Чтобы удостовериться в выборе наиболее подходящего места, обеспечивающего достаточный радиус действия беспроводной связи, необходимо выполнить тест на уровень сигнала.
Поверхности для установки
Контактный датчик можно устанавливать на стандартных строительных материалах, таких как дерево, ПВХ, кирпич, металл и т. д.
Требуется программирование меню

- 1. CONTRÔLE DU DISPOSITIF SANS FIL (INSCRIPTION DU DISPOSITIF SANS FIL)**
Inscription locale
1. Accéder au mode inscription sur le panneau de commandes de sécurité.
2. Inscription du détecteur : Maintenez enfoncée la touche d'acquisition jusqu'à ce que les trois voyants clignotent en alternance. Le voyant vert clignotera 8 fois si l'inscription est terminée.
3. Test de communication : Relâchez le ressort anti-sabotage pour déclencher l'alarme.
Remarque : La distance entre le panneau de commandes de sécurité et le détecteur doit être inférieure à 50 cm.
Initialisation du détecteur
1. Retirez la batterie pour éteindre le détecteur.
2. 5 secondes plus tard, maintenez enfoncée la touche d'inscription et réinstallez la batterie pour mettre en route le détecteur en même temps que les trois voyants commencent à clignoter en alternance. Relâchez la touche d'inscription pendant que les trois voyants clignotent une fois ensemble.

- 1. CONTROLE DO DISPOSITIVO SEM FIO (REGISTRAR DISPOSITIVO SEM FIO)**
Registrar localmente
1. Coloque o painel de controle de segurança no modo de registro.
2. Registre o detector: Segure a tecla de registro até que os três LEDs pisquem alternadamente. O LED verde piscará 8 vezes quando o registro for concluído.
3. Teste de comunicação: solte a mola de ANTI-VIOLAÇÃO para acionar o alarme.
Observação: a distância entre o painel de controle de segurança e o detector deve ser menor do que 50 cm.
Inicializar o detector
1. Remova a bateria para desligar o detector.
2. Cinco segundos depois, mantenha pressionada a tecla de registro e, ao mesmo tempo, reinstale a bateria para ligar o detector, o que fará com que os três LEDs comecem a piscar alternadamente. Solte a tecla de registro quando os três LEDs piscarem juntos ao mesmo tempo.

- 1. CONTROLLO DISPOSITIVO WIRELESS (REGISTRAZIONE DISPOSITIVO WIRELESS)**
Registrazione locale
1. Entrare in modalità di registrazione del pannello di controllo di sicurezza.
2. Registrazione del rilevatore: Tenere premuto il tasto di registrazione fino a che i tre LED non lampeggiano alternativamente. Il LED verde lampeggia 8 volte al termine della registrazione.
3. Test di comunicazione: Rilasciare la molla MANOMISSIONE per attivare l'allarme.
Nota: la distanza tra il pannello di controllo di sicurezza e il rilevatore deve essere meno di 50 cm.
Inizializzazione del rilevatore
1. Rimuovere la batteria per spegnere il rilevatore.
2. Dopo 5 secondi, premere il tasto di registrazione e reinstallare la batteria allo stesso tempo per accendere il rilevatore e far lampeggiare alternativamente i tre LED. Rilasciare il tasto di registrazione mentre i tre LED lampeggiano insieme una volta.

- 1. CONTROL DE DISPOSITIVO INALÁMBRICO (REGISTRAR DISPOSITIVO INALÁMBRICO)**
Registrar localmente
1. Asegúrese de que el panel de control de seguridad acceda al modo de registro.
2. Registro del detector: Pulse la tecla programada hasta que los tres ledes parpadeen de forma alterna. El led verde parpadeará 8 veces una vez finalizado el registro.
3. Prueba de comunicación: Suelte el muelle de MANIPULACIÓN para disparar la alarma.
Nota: La distancia entre el panel de control de seguridad y el detector debe ser menor de 50 cm.
Inicializar el detector
1. Retire la pila para apagar el detector.
2. 5 s después, mantenga pulsado el botón de registro y vuelva a insertar la pila para encender el detector al mismo tiempo para que los tres ledes empiecen a parpadear alternativamente. Suelte el botón de registro cuando los tres LED parpadeen a la vez.

- 1. УПРАВЛЕНИЕ БЕСПРОВОДНЫМ УСТРОЙСТВОМ (РЕГИСТРАЦИЯ БЕСПРОВОДНОГО УСТРОЙСТВА)**
Локальная регистрация
1. Включите режим регистрации на панели управления системой безопасности.
2. Регистрация датчика: Нажмите и удерживайте кнопку обнаружения, пока три светодиода не начнут мигать поочередно. Когда регистрация будет выполнена, зеленый светодиод мигнет 8 раз.
3. Тестирование связи: Отпустите пружину датчика ВЗЛОМА для активации сигнала тревоги.
Примечание: Расстояние между панелью управления системой безопасности и датчиком должно быть менее 50 см.
Инициализация датчика
1. Извлеките батарею для выключения датчика.
2. Через 5 секунд нажмите кнопку регистрации и удерживайте ее, вставьте батарею на место. После этого три светодиода начнут мигать поочередно. Отпустите кнопку регистрации, когда все три светодиода мигнут один раз одновременно.

- 2. DIAGNOSTICS**
Avant le montage, assurez-vous que le voyant lumineux reste vert à la position d'installation lorsque le détecteur est en mode de mesure de la force du signal.

- 2. DIAGNÓSTICO**
Certifique-se de que o LED permaneça verde na posição de instalação quando o detector estiver em modo de intensidade de sinal, antes da montagem.

- 2. DIAGNOSTICA**
Assicurarsi che il LED rimanga verde in posizione di installazione mentre il rilevatore è in modalità intensità di segnale prima del montaggio.

- 2. DIAGNÓSTICO**
Asegúrese de que el led se mantenga iluminado en verde en la posición de instalación cuando el detector esté en el modo de intensidad de señal antes del montaje.

- 2. ДИАГНОСТИКА**
Перед установкой удостоверьтесь, что светодиод светится зеленым цветом в монтажном положении, когда датчик находится в режиме определения мощности сигнала.

Spécification Especificação Specifiche Especificación Технические данные

| Sans fil | | Sem fio | | Wireless | | Inalámbrico | | Беспроводной | |
|------------------------|---|-----------------------|--|------------------------|---|--|--|-------------------------|--|
| Fréquence | 868 MHz | Frequência | 868 MHz | Frequenza | 868 MHz | Frecuencia | 868 MHz | Частота | 868 МГц |
| Modulation | 2GFSK | Modulação | 2GFSK | Modulazione | 2 GFSK | Modulación | 2GFSK | Модуляция | 2GFSK |
| Méthode | Code roulant entièrement crypté | Método | rolling code totalmente criptografado | trasmissione | Codice variabile completamente criptato | Método | Código variable completamente cifrado | Метод передачи | полностью зашифрованный динамический код |
| Type | CR123A 3,0 V | Tipo | CR123A de 3 V | Tipo | Da 3,0 V CR 123 A | Tipo | CR123A de 3,0 V | Тип | CR123A, 3,0 В |
| Seuil | 2,5 V +/- 5 % à 25 °C | Limite | 2,5 V +/- 5% em 25 °C | Soglia | 2,5 V +/-5% a 25 °C | Umbral | 2,5 V +/- 5 % a 25 °C | Пределное значение | 2,5 В 5 % (при 25 °С) |
| Autonomie | 2 ans max | Duração | até 2 anos | Durata | fino a 2 anni | Duración | Hasta 2 años | Срок службы | До 2 лет |
| Cor et boîtier | blanc. 2 mm ABS (plastique) | Cor e invólucro | branco. ABS de 2 mm | Colore e custodia | bianco. ABS da 2 mm | Color y carcasa | Blanco. 2 mm ABS | Цвет и материал корпуса | белый ABS-пластик, 2 мм |
| Indication | LED (Signal, Piles, Alarme, Sabotage) | Indicação | LEDs (sinal, bateria, alarme e violação) | Indicazione | LED (segnale, batteria, allarme, sabotaggio) | Indicación | LED (señal, batería, alarma, manipulación) | Индикация | светодиодная (сигнал, аккумулятор, сигнализация, противопожарная защита) |
| Température | -10 °C à 40 °C (certifié) | Temperatura | -10 °C a 40 °C (certificado) | Temperatura | Da -10 °C a 40 °C (certificata) | Temperatura | -10 °C a 40 °C (certificado) | Температура | от -10 °С до 40 °С (сертифицирована) |
| Dimensions (H x L x P) | Captur: 27 x 104 x 25 mm. Aimant: 14 x 49 x 16 mm | Dimensões (A x L x P) | Sensor: 27 x 104 x 25 mm. Magneto: 14 x 49 x 16 mm | Dimensioni (A x L x P) | Sensore: 27 x 104 x 35 mm. Magnete: 14 x 49 x 16 mm | Dimensiones (alto x ancho x profundidad) | Sensor: 27 x 104 x 25 mm. Señal magnética: 14 x 49 x 16 mm | Размеры (В x Ш x Г) | Датчик: 27 x 104 x 25 мм. Магнит: 14 x 49 x 16 мм |

Performance de détection magnétique Desempenho de detecção de ímã Prestazioni rilevamento magnetico Rendimiento de detección del imán Параметры магнитного датчика

| Axe de fonctionnement | Événement | Sans distance nominale (5 mm) | | | | Z | Y | X |
|-----------------------|------------|-------------------------------|------------------|---------------------|------------------|---|---|---|
| | | Distance dans l'air | Distance sur fer | Distance dans l'air | Distance sur fer | | | |
| Z+ | Écartement | 35 mm | 24 mm | 32 mm | 20 mm | | | |
| Z+ | Approche | 33 mm | 20 mm | 30 mm | 18 mm | | | |
| Z- | Écartement | 35 mm | 22 mm | 32 mm | 20 mm | | | |
| Z- | Approche | 33 mm | 20 mm | 30 mm | 18 mm | | | |
| Y | Écartement | 24 mm | 12 mm | 20 mm | 7 mm | | | |
| Y | Approche | 22 mm | 10 mm | 18 mm | 5 mm | | | |
| X+ | Écartement | 14 mm | 13 mm | 16 mm | 10 mm | | | |
| X+ | Approche | 13 mm | 11 mm | 14 mm | 9 mm | | | |
| X- | Écartement | 14 mm | 12 mm | 14 mm | 12 mm | | | |
| X- | Approche | 13 mm | 11 mm | 13 mm | 11 mm | | | |

Entretentes disponibles, si nécessaire. SPACER-WE et SPACERBROWN-WE. Espaçadores disponíveis, se necessário. SPACER-WE e SPACERBROWN-WE. Distanzatori disponibili a richiesta. DISTANZIATORE-WE e DISTANZIATOREMARRONE-WE. Si fuera necesario, hay separadores disponibles. SPACER-WE y SPACERBROWN-WE. Распорки доступны по заказу. РАСТОПКА - WE и КОРИЧНЕВАЯ РАСТОПКА - WE.