

DS-PWA32-H

HIKVISION

Wireless Security Control Panel UD1753B

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 Fault
 - ③ Link
 - ④ Power On
 - ⑤ System Fault
 - ⑥ No Fault
 - ⑦ Arm
 - ⑧ /Disarm
 - ⑨ Alarm
 - ⑩ Alarm Occurred
 - ⑪ Device Tampered
 - ⑫ No Alarm
 - ⑬ SIM Card Slot
 - ⑭ Tamper Spring
 - ⑮ Reset Button
 - ⑯ AP&STA Switch
 - ⑰ Battery Connector
 - ⑱ Network Interface
 - ⑲ 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 Position (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.
- Note: You need to enter the Verification Code (on the device label which is pasted on the rear panel) before activate the device and log into the web client.
- ##### Set up via Web Client
- Log into the Web Client
- Note: Default IP Address when using mobile browser in the AP mode: 192.168.8.1. The device must be in the AP mode.
- Note: 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.
- ##### Add a Camera for the Zone
- 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.
- You can also link a camera with the zone via APP, refer to the Wireless Security Control Panel User Manual for details.
- ##### Configure Video-Push
- You can view the alarm video via APP and email. For detailed settings, refer to Security Control Panel User Manual.
- ##### Set up via 4200 Client
- Download and install the IVMS-4200 client.
 - Enter Device Management page, select the device in the Online Device List, click Edit Network Settings, change the port as 80, and click Add to Client.
- Note: You should activate the device for the first usage.
- For multi-language switch, refer to Security Control Panel User Manual (scan the QR code) for details.

4 Function Button Operation

Note: Add card or battery via the web client before adding peripheral device for clearing tampering alarm.

Add Peripheral Device

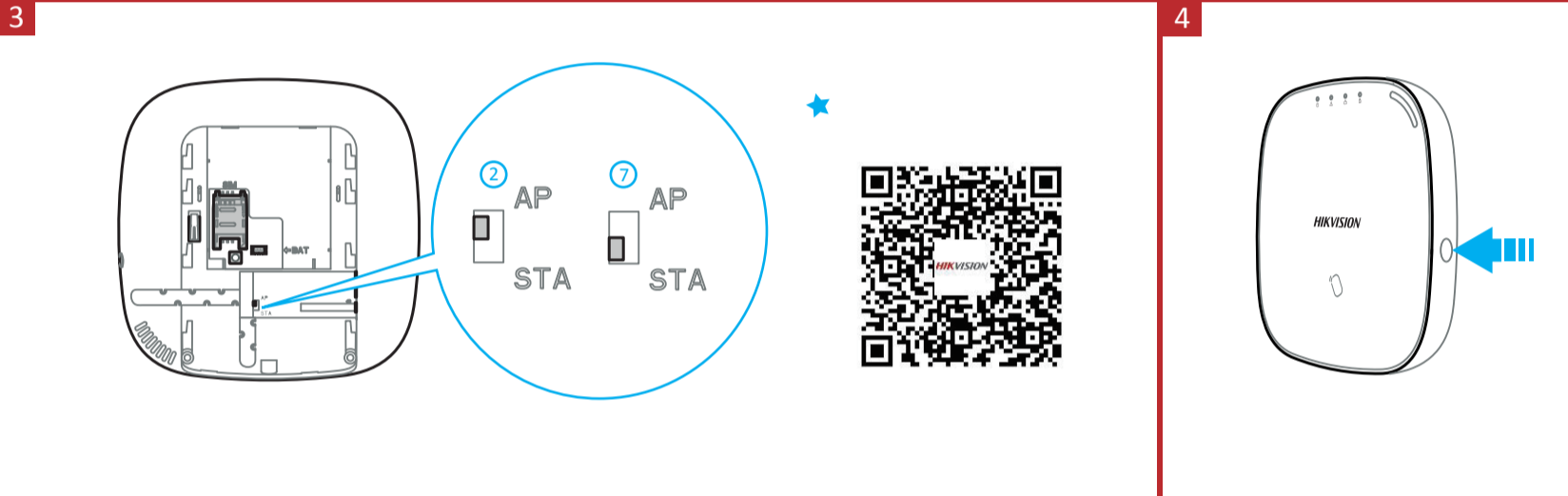
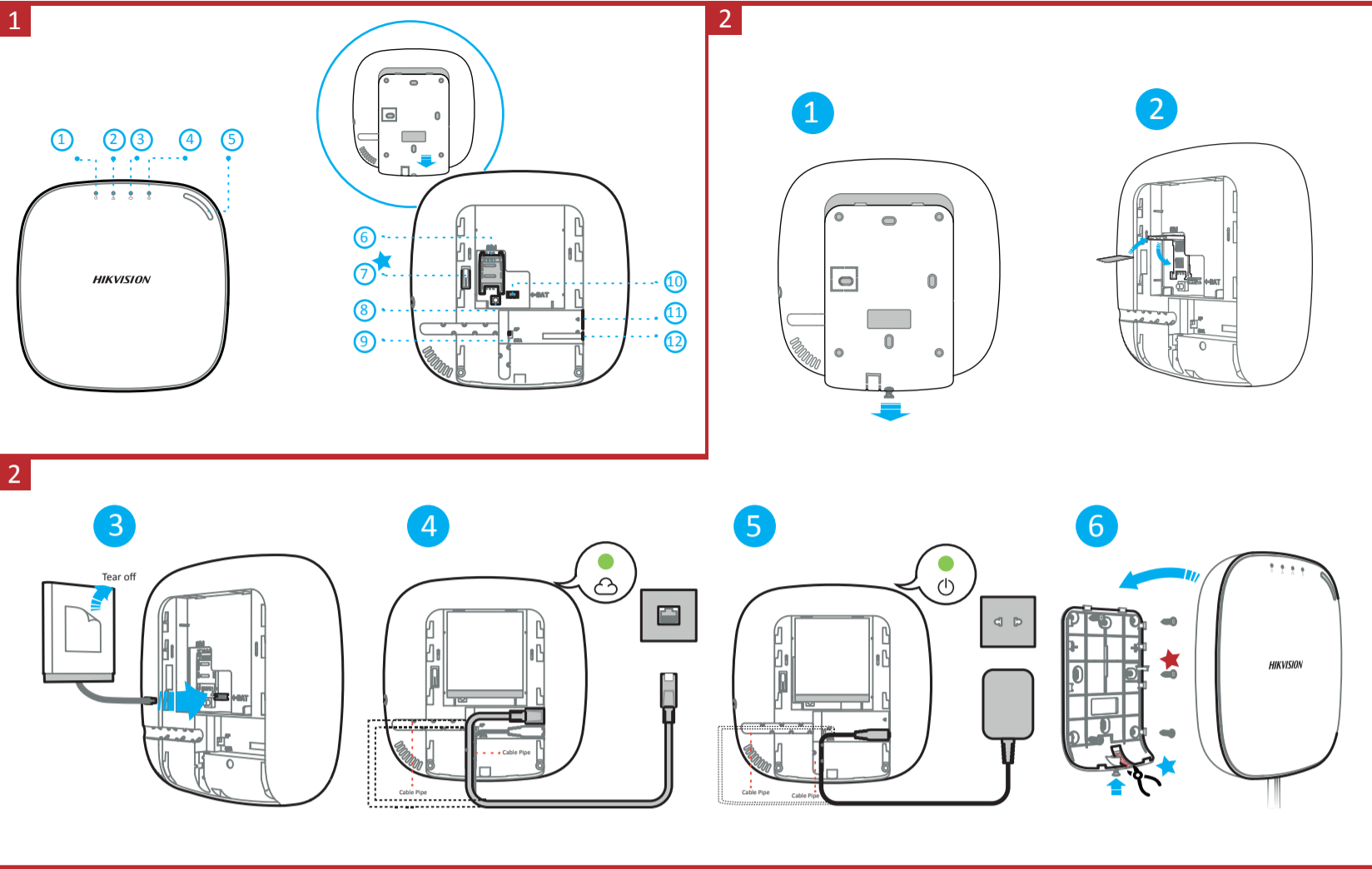
While the control panel is not in the configuration mode, press the function button on the side of the control panel once and trigger a peripheral device.

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 Connection	Alarm Input	32
	Alarm Output	32
	Siren	2
	Keyfob	8
	Partition	1
Interaction	Audio Output	1, 1.5W
	RF Frequency	868MHz
RF	RF Modulation	2GFSK
	RF Distance	800m (Open Area)
Wired Network	Ethernet	10M/100M Self-adaptive
Cellular Network	GPRS, 3/4G	Supports report push-notification to ARC & Cloud, text notification via SMS, and audio notification via phone call
	Standard	802.11b/g/n
Wi-Fi	Encryption	Supported
	Channel	2, 4G
Application & Protocol	Application	IVMS-4200, and mobile APP
	Protocol	802.11, Contact ID
User	User	13 (1 Installer, 1 Administrator, and 11 General User)
Others	Power	5 VDC, 10W
	Consumption (without HDD)	≤5.5W
	Operation Temperature	-10°C to 55°C
	Operation Humidity	10% to 90%
	Shell Material	PC+ABS
	Dimension(WxHxD)	155 x 155 x 55mm



DS-PD2-P10P-W

HIKVISION

Wireless 10m Pet Immune PIR Detector

EN50131-2-2:2008
EN50131-1:2006+A1:2009
Environmental Class (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 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 Brackets Wiring

Specification

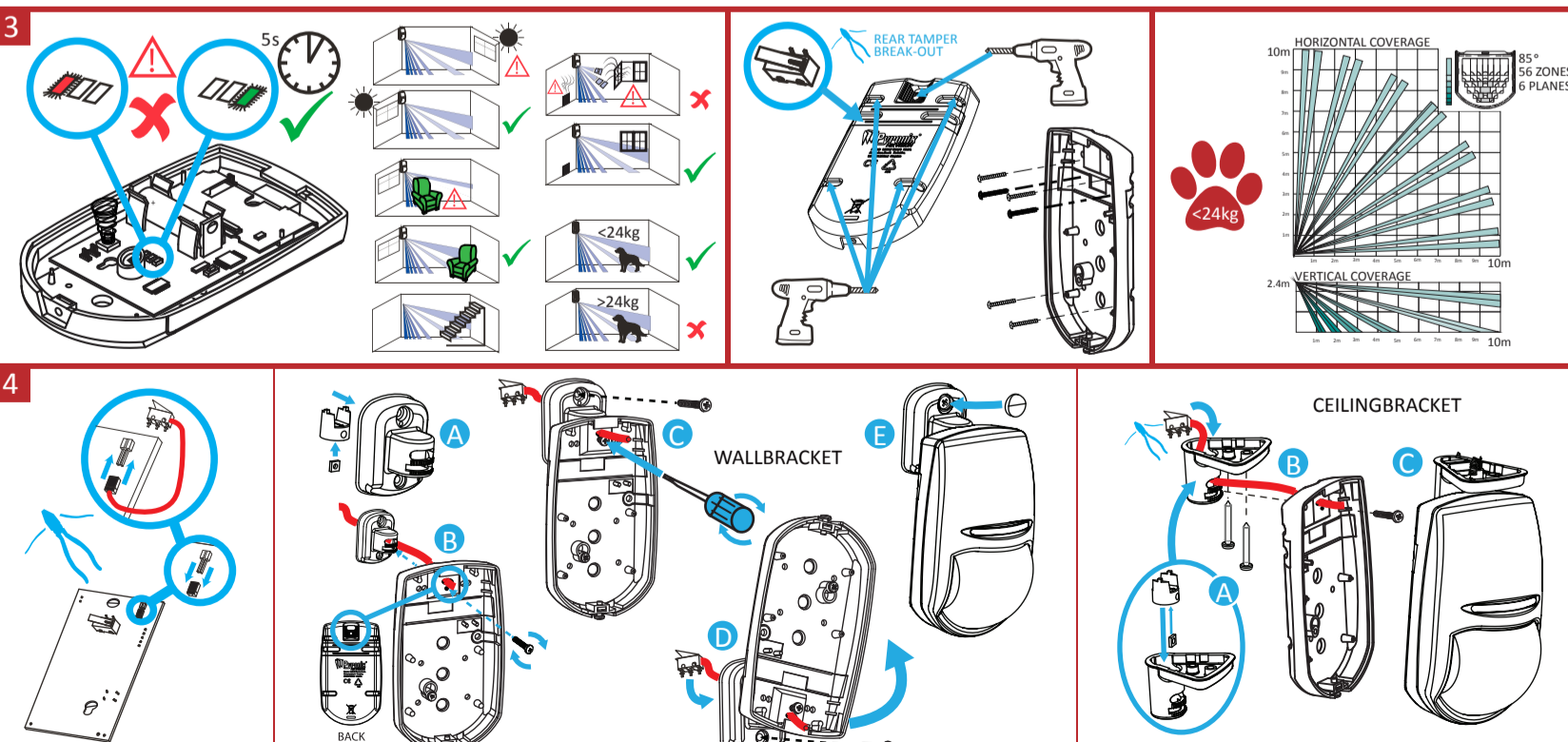
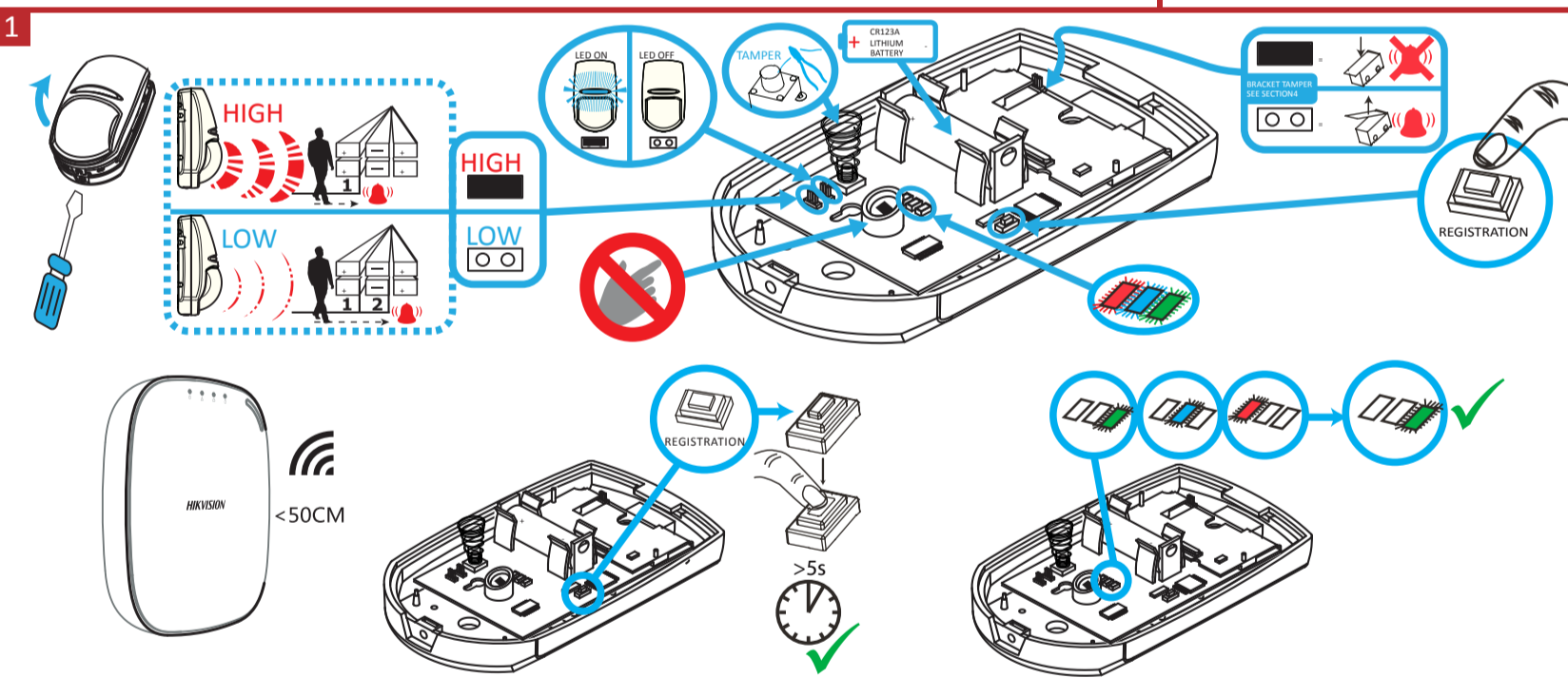
Lens characteristics	Detection Range	10m
	Detection Angle	85°
	Detection Zones	56 zones and 6 planes
	Detection Speed	0.3-3.0 m/s
	Mounting Height	1.8-2.4m
Key features	Animal Immunity	24kg
	Blue Wave Technology	Supported
	Digital Temperature Compensation	Supported
	Tamper Protection	Front, rear, and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



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 learnt 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	2FSK
	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		With Nominal Distance (5mm)	
		Distance in Air	Distance on Iron	Distance in Air	Distance on Iron
Z+	Remove	35mm	24mm	32mm	20mm
	Approach	33mm	20mm	30mm	18mm
Z-	Remove	35mm	22mm	32mm	20mm
	Approach	33mm	20mm	30mm	18mm
Y	Remove	24mm	12mm	20mm	7mm
	Approach	22mm	10mm	18mm	5mm
X+	Remove	14mm	13mm	16mm	10mm
	Approach	13mm	12mm	15mm	9mm
X-	Remove	14mm	12mm	14mm	12mm
	Approach	13mm	11mm	13mm	11mm

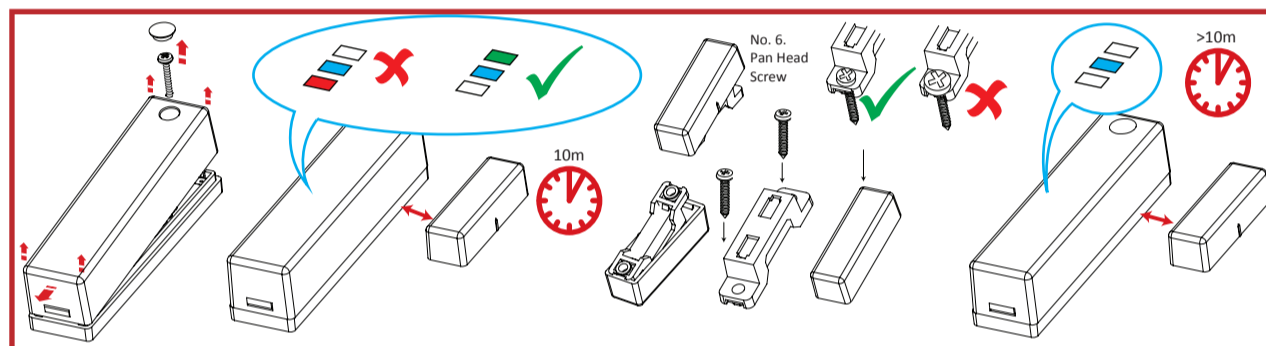
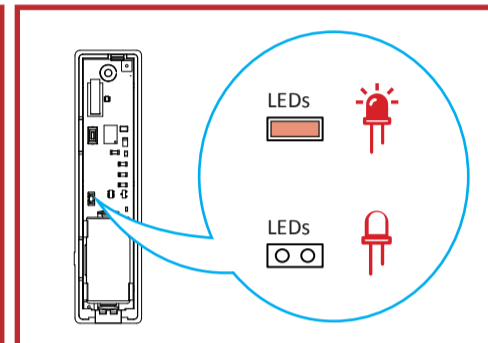
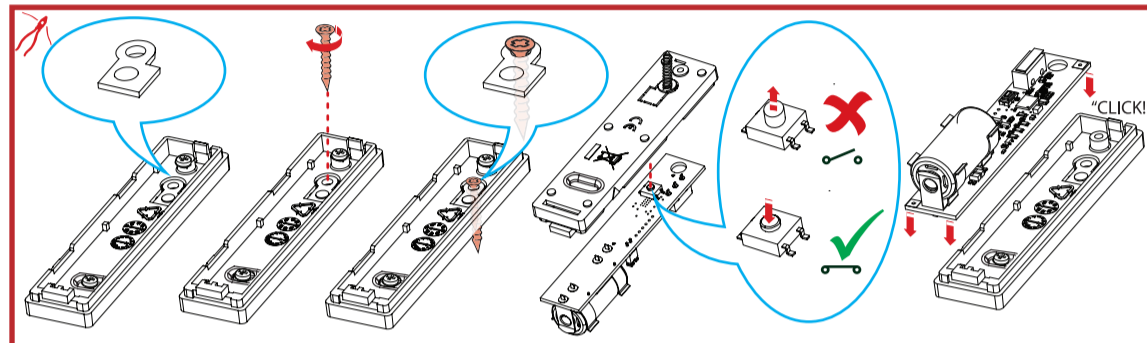
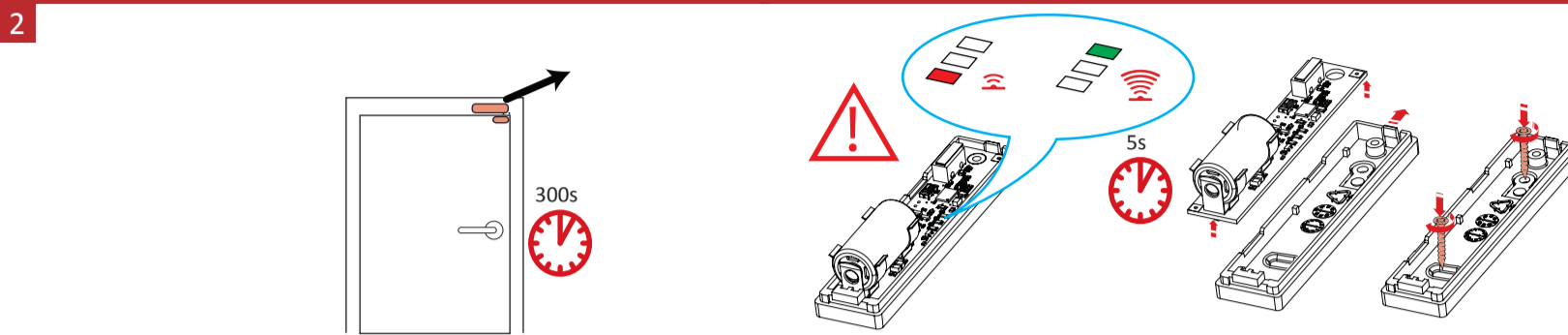
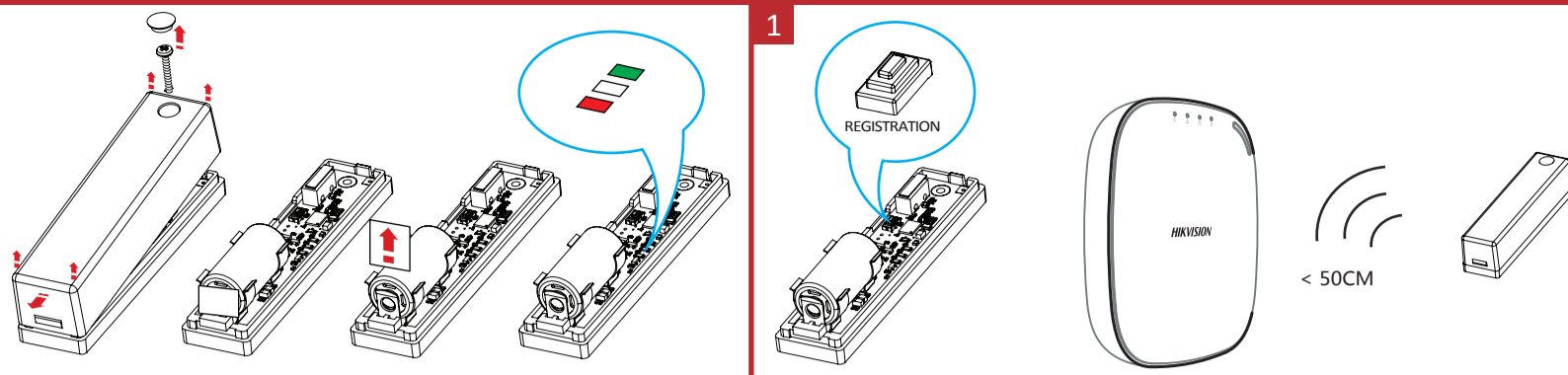
Spacers available if required: SPACER-WE and SPACERBROWN-WE

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.



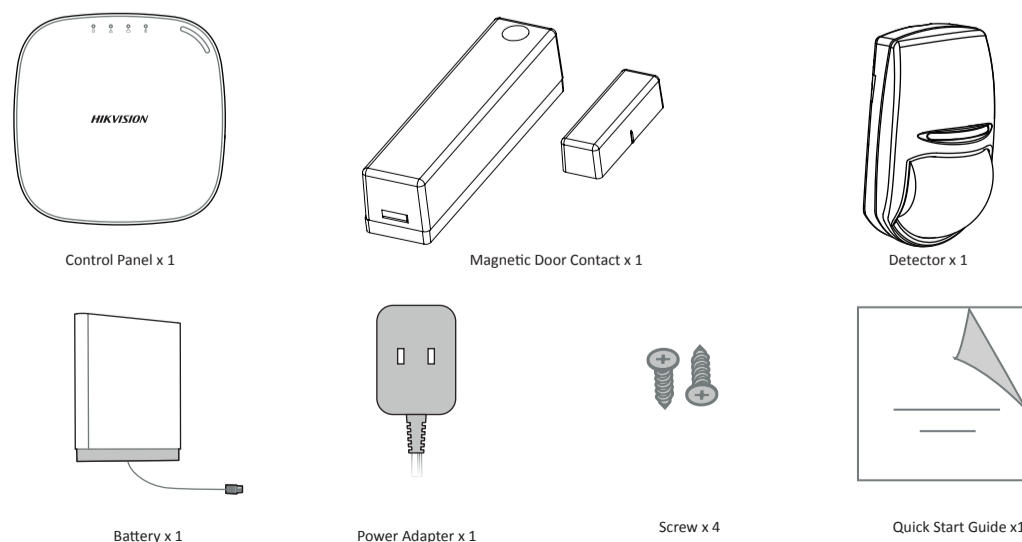
Product Information

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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.

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Components



DS-PD1-MC-WWS

Wireless Magnetic Contact

FRANÇAIS PORTUGUÊS ITALIANO ESPAÑOL РУССКИЙ

Références du schéma Referências do diagrama Riferimento schemi Referencias del diagrama Поянения 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, briques, 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

- 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.

CONTROLE DO DISPOSITIVO SEM FIO (REGISTRAR DISPOSITIVO SEM FIO)
Registrar localmente
1. Coloque o painel de controle de segurança no modo de registro.
2. Registro de 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.

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.

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 LEDs 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 LEDs empiecen a parpadear alternativamente. Suelte el botón de registro cuando los tres LED parpadeen a la vez.

УПРАВЛЕНИЕ БЕСПРОВОДНЫМ УСТРОЙСТВОМ (РЕГИСТРАЦИЯ БЕСПРОВОДНОГО УСТРОЙСТВА)
Локальная регистрация
1. Выключите 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, удерживая ее, вставьте батарею на место. После этого три светодиода начнут мигать поочередно. Отпустите кнопку регистрации, когда все три светодиода мигнут один раз одновременно.
- 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.

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.

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

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.

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	Fréquence	868 MHz	Sem fio	Frequência	868 MHz	Wireless	Frequenza	868 MHz	Inalámbrico	Frecuencia	868 MHz	Беспроводной	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	
Batterie	Type	CR123A 3,0 V	Bateria	Tipo	CR123A de 3 V	Batteria	Tipo	Da 3,0 V CR 123 A	Bateria	Tipo	CR123A de 3,0 V	Батарея	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		Предельное 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	
Matériaux et environnement	Couleur et boîtier	blanc. 2 mm ABS (plastique)	Materiais e ambiente	Cor e invólucro	branco. ABS de 2 mm	Materiali e ambiente	Colore e custodia	bianco. ABS da 2 mm	Materiales y entorno	Color y carcasa	Blanco. 2 mm ABS		Материалы и окружающая среда	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 (certifiée)		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 (сертифицированная)
	Dimensions (H x l x P)	Capteur : 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 х Ш х Г)	Датчик: 27 х 104 х 25 мм. Магнит: 14 х 49 х 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		Sans distance nominale				Avec distance nominale (5 mm)				Diagramme			
Événement	Distance dans l'air	Distance sur fer	Distance dans l'air	Distance sur fer	Classe de opération	Evento	Distância no ar	Distância em ferro	Distância no ar	Distância em ferro	X	Y	Z
Z-	Ecartement	35 mm	24 mm	32 mm	20 mm	Z+	Remove	35 mm	24 mm	32 mm	20 mm		
	Approche	33 mm	22 mm	30 mm	18 mm		Aproximar	33 mm	22 mm	30 mm	18 mm		
Z+	Ecartement	35 mm	22 mm	32 mm	20 mm	Z-	Remove	35 mm	22 mm	32 mm	20 mm		
	Approche	33 mm	20 mm	30 mm	18 mm		Aproximar	33 mm	20 mm	30 mm	18 mm		
Y	Ecartement	24 mm	12 mm	20 mm	7 mm	Y	Remove	24 mm	12 mm	20 mm	7 mm		
	Approche	22 mm	10 mm	18 mm	5 mm		Aproximar	22 mm	10 mm	18 mm	5 mm		
X+	Ecartement	14 mm	13 mm	16 mm	10 mm	X+	Remove	14 mm	13 mm	16 mm	10 mm		
	Approche	13 mm	12 mm	15 mm	9 mm		Aproximar	13 mm	12 mm	15 mm	9 mm		
X-	Ecartement	14 mm	12 mm	14 mm	12 mm	X-	Remove	14 mm	12 mm	14 mm	12 mm		
	Approche	13 mm	11 mm	13 mm	11 mm		Aproximar	13 mm	11 mm	13 mm	11 mm		

Entretours disponibles, si nécessaire : SPACER-WE et SPACERBROWN-WE

Espaçadores disponíveis, se necessário: SPACER-WE e SPACERBROWN-WE

Distanziatori disponibili a richiesta: DISTANZIATORE-WE e DISTANZIATOREMARRONE-WE

Si fuera necesario, hay separadores disponibles: SPACER-WE y SPACERBROWN-WE

Распорки доступны по заказу: РАСПОРКА - WE и КОРИЧНЕВАЯ РАСПОРКА - WE