

DS-PDMCK-EG2-WE

Hikvision 868MHz AX Pro Series Wireless Magnet Shock detector

Product Overview

Hikvision 868MHz AX Pro Series Wireless Magnet Shock detector, Opening contact detection Method, 43 mm Max detection gap, 8 levels Shock detection, Up to 25 degrees Tilt detection, Tri-X Wireless transmission Technology, Up to 3 years (Standby time) Standard Battery Life, CR123A x 1 Battery Type



Specifications

Overview Summary:

Secure your property with the Hikvision AX Pro Wireless Magnet Shock Detector, combining magnetic contact, shock and tilt detection in one compact indoor security device. With reliable 868MHz two-way wireless communication and easy remote configuration, it is designed for convenient installation and dependable alarm detection.

Buy now for an effective security solution for doors, windows and other access points. Shop now and add reliable wireless detection to your Hikvision AX Pro alarm system.

Performance tier:Professional

Uses:door security, window security, intrusion detection, shock detection, tilt detection, indoor alarm systems

Overview:

DS-PDMCK-EG2-WE(B)

Wireless Magnet Shock Detector

- Magnetic contact combined with shock and tilt detection
- 2 wired inputs extension
- Fully remote configurable through APP
- Multiple enrollment methods and easy installation design
- Frequency hopping against jamming for reliable transmission

Description:

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Product Specification Sheet

The Hikvision DS-PDMCK-EG2-WE(B) is an AX PRO Series wireless magnet shock detector designed to provide reliable indoor protection for doors, windows and other access points. It combines magnetic opening detection with shock sensing and tilt detection, allowing the device to identify different types of intrusion attempts from a single compact unit.

The detector uses Hikvision Tri-X two-way wireless technology with 868MHz transmission and AES-128 encryption. Frequency hopping helps maintain reliable communication in environments where wireless interference or attempted jamming may be a concern. With a wireless transmission range of up to 1.6 km in free space, it is suitable for a range of residential and commercial alarm installations.

Features:

Door and Window Intrusion Detection

The magnetic contact detects opening events with a maximum detection gap of 43 mm. The integrated shock sensor provides 8 sensitivity levels, while tilt detection can identify movement of up to 25 degrees. This combination allows the detector to provide additional protection against forced entry, impact and movement.

Digital processing helps the detector interpret alarm conditions, while separate LED indicators provide visual status information for magnetic contact, tilt, shock and alarm events.

Wireless Alarm Communication

The DS-PDMCK-EG2-WE uses two-way RF wireless communication for communication with a compatible AX PRO alarm system. Tri-X transmission technology, frequency hopping and AES-128 encryption help provide dependable and secure wireless communication.

Key wireless details include:

- Transmission frequency: 868MHz
- Wireless technology: Tri-X
- Communication: Two-way RF wireless
- Transmission range: Up to 1.6 km in free space
- Security: AES-128 encryption
- Frequency hopping: Supported
- Enrollment: Power up, remote ID or QR code

Flexible Installation and Configuration

The detector supports normally closed, normally open and impulse count alarm inputs, along with two wired input extensions. It can be remotely configured through the compatible app, making setup and adjustments easier without needing to access the device directly.

Tamper protection is provided on both the front and rear of the detector. The device also includes signal strength and environment temperature indicators to assist with installation and system monitoring.

Battery Powered Operation

Powered by a single CR123 battery, the Hikvision wireless magnet shock detector is designed for low-maintenance installation. Standard standby battery life is rated at up to 3 years, depending on operating conditions and usage.

- Battery type: CR123A x 1
- Power supply: Battery powered
- Typical voltage: 3V
- Standard battery life: Up to 3 years in standby
- Power-up enrollment: Supported

Compact Indoor Design

The DS-PDMCK-EG2-WE(B) has a compact design suitable for indoor alarm applications. Its operating temperature range is

-10 C to 55 C, with a storage temperature range of -20 C to 60 C. Operating humidity is rated from 10% to 90%.

The main detector measures 24 x 104 x 24.4 mm, while the accompanying magnetic contact measures 13 x 34.4 x 11.4 mm. The listed weight is 60g.

Key Technical Details

- Detection method: Opening contact and shock sensor
- Maximum detection gap: 43 mm
- Shock sensitivity: 8 levels
- Tilt detection: Up to 25 degrees
- Tamper protection: Front and rear
- LED indicators: Green for magnetic contact, orange for tilt, red for shock and blue for alarm
- Alarm input: Normally closed, normally open and impulse count
- Operating temperature: -10 C to 55 C
- Storage temperature: -20 C to 60 C
- Operating humidity: 10% to 90%
- Application: Indoor

Part Number and SKU

The product part number / SKU is DS-PDMCK-EG2-WE. This identifier can be used when ordering, checking compatibility or matching the detector with the correct Hikvision AX PRO Series product.

Suitable Applications

The Hikvision DS-PDMCK-EG2-WE(B) is well suited to indoor security applications where opening, impact and movement detection are required. It can be used on doors, windows and other vulnerable access points as part of a compatible Hikvision AX PRO wireless alarm system.

Specifications:

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Specifications	
Product Code	DS-PDMCK-EG2-WE
Detection Performance	
Detection Method	Opening Contact , Shock Sensor
Detection Gap	43 mm Max
Sensitivity	Shock detection: 8 levels
	Tilt detection: Up to 25degrees
Feature	
Digital Processing	Support
Tamper Protection	Front , Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Interface	

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Product Specification Sheet

Alarm Input	Normally Closed , Normally Open , Impulse Count
Power Switch	Power up enrolling
LED Indicator	Green(MC), Orange(tilt), Red(shock), Blue(alarm)
Transmission	
Transmission Technology	Tri-X Wireless
Transmission Method	Two-Way RF Wireless
Transmission Frequency	868MHz
Transmission Security	AES-128 Encryption
Transmission Range(Free Space)	1.6Km
Frequency Hopping	Support
Enrolling Method	Power up , Remote ID , QR Code
Electrical Characteristics	
Standard Battery Life	Up to 3 years (standby time)
Power Supply	Battery powered
Battery Type	CR123A x 1
Typical Voltage	3V
General	
Operation Temperature	-10degreesC to 55degreesC (14degreesF to 131degreesF)
Storage Temperature	-20degreesC to 60degreesC (-4degreesF to 140degreesF)
Operation Humidity	10% to 90%
Dimension(WxHxD)	24 x 104 x 24.4 mm
	13 x 34.4 x 11.4 mm
	60g
Application Scenario	Indoor

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/DS-PDMCK-EG2-WE-Hikvision-868MHz-AX-Pro-Series-Wireless-Buy-p-340559.php>

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Product Specification Sheet

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.