PARADOX

CATALOG

Paradox Dealer Portal:
paradoxdealer.com

2025

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M25

Hybrid System
Security, Video, Control and Access

The M25, a variant of the Paradox M Head units, is a versatile and powerful wireless/wired hybrid compact head unit. The wireless section uses Gaussian Frequency Shift Keying (GFSK) technology, offered in both 868 MHz and 914 MHz bands. It employs advanced encryption and frequency hopping to protect against unauthorized access, ensuring data security and an ultra-fast connection.

Powerful yet ultra-small and compact, the M25 is ideal for medium-sized homes, businesses, and large apartments. Its sleek design allows it to be installed anywhere, secured and hidden.

The M25 provides enhanced, trusted security with true direct-connect, ensuring it remains constantly online with supervision. With direct reporting that is independent of cloud or third-party points of failure, the system supports up to four simultaneous supervised connections to IPC10 and VIPC20 converters. Unlike cloud-dependent systems, the M system's powerful communication enables direct monitoring without relying on the cloud, reducing potential points of failure.

The M25 programmable output is activated through manual settings, temperature triggers, or system events.

The system is expandable with M wireless, Ethernet, or hard-wired security devices via wireless expanders. It is ready for integration with video monitoring, verification, and access control (to be released in 2025).

The M25 utilizes Paradox fourth-generation cloud services with the Paradox identifier ecosystem for secured, authenticated, and fast system access, together with the BlueEye mobile application, IPC10, VIPC20 converter(s), and the Service Dealers/Companies Portal. The ecosystem verifies user identity through two-way authentication for increased security.

The system offers ultra-fast and easy installation using a single Cat6 to RJ45 cable for both PoE and Ethernet, eliminating the need for a separate power supply or additional wiring, thereby saving valuable time and effort. Built-in Wi-Fi can be used as the primary or backup channel, while LTE provides a third communication channel for enhanced redundancy and reliability.

Wireless nodes or Ethernet extensions can be added using the unique, intuitive auto-learn feature of Paradox. For pre-installation preparation, installers can scan QR codes or manually enter the serial number, ensuring a fast and efficient installation process that saves valuable time.

Programming is powerful and simple, with a user-friendly interface and application-based configuration or PC software.

All wireless modules connected to the M25 console are fully supervised and upgradable either over the air (for wireless devices) or through Ethernet (for network devices) as well as built-in temperature monitoring.

The M25 is with CE, FCC, ETL - EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-1, EN 50136-2, Grade 2, and Class II.

Beauty and a Beast

M25 / M25 LTE

Head Unit / Console

Highlights

▶ **Extremely Versatile:**

Supports wireless, wired, and Ethernet expansions. All system devices, including wireless devices, are remotely upgradable. The system is fully scalable, allowing future upgrades to integrate video monitoring and access control. Supports easy backup and system restoration through the application, simplifying panel replacements.

▶ **Easy Installation:**

With one-wire Ethernet with PoE, fast auto-learn for wireless and Ethernet devices, and a user-friendly interface, the M25 is time-saving, easy, and simple to install and service.

▶ **Latest Wireless Technology:**

Using Gaussian Frequency Shift Keying (GFSK) technology with encryption and frequency hopping, the system ensures robust, secured communication and fast transmission, along with transmission power management for extended battery life.

▶ **Powerful Expandability:**

The M25 is designed to adapt and grow with your needs. Its seamless expansion, powered by PoE Ethernet, ensures hassle-free scalability. While fully wireless, the M25 also supports both wired and wireless expansions (for example, using ZX10M and PGM8M modules) and extended range with Ethernet repeaters. The complete system (available in the third quarter of 2025) will include video verification, access control, home automation, and more.

▶ **Enhanced Personal Security:**

With user roles such as Owner, Master, System User, Maintenance, and Guest, the Owner and Master retain complete control of the system. Other user roles can access the application for remote connections or access the system locally via remotes/keypads. Supporting up to 128 users with assignable JPEG images makes identification easier and important with the M Series access control modules. The M25's 10 partitions and 75 wireless nodes make this compact system a piece of marvel and beauty. Installer access is monitored and requires pre-approval from the Owner or the Service Company. Each service entry by the installer is indicated to the Owner and Master via push notification.

▶ **Powerful Auto Arm/Disarm/PGM Process:**

The system provides an auto-arm feature on a no movement (all zones closed) timer within a schedule, and supports auto disarm, Sleep to Stay, and Stay to Disarm. For instance, it can be easily scheduled to set Stay arming at 19:00, Sleep arming at midnight, Sleep to Stay arming at 5:00 a.m., and Full Disarm at 07:00 a.m. all week or on selected days. Within each arming schedule, you can customize the status of PGMs to set shutters or lights to suit your preferences.

▶ **Enhanced Temperature Monitoring and Control:**

The M25 includes temperature monitoring with every wireless device, protecting valuables and sites from freezing or overheating by controlling PGMs, reporting to CMS, sending push notifications, and providing clear indications on the app's message center. For instance, in colder regions, a cold warning can be set at 8°C, alerting users that heating is not functioning— protecting wine cellars from freezing or overheating, or enabling temperature monitoring in greenhouses to prevent frost or overheating damage. Heating and cooling PGMs can be easily configured.

▶ **User-Friendly Mobile App Control:**

Monitor and manage your security system from anywhere with the intuitive BlueEye mobile application. Always stay informed with instant notifications for any security breach or unusual activity.
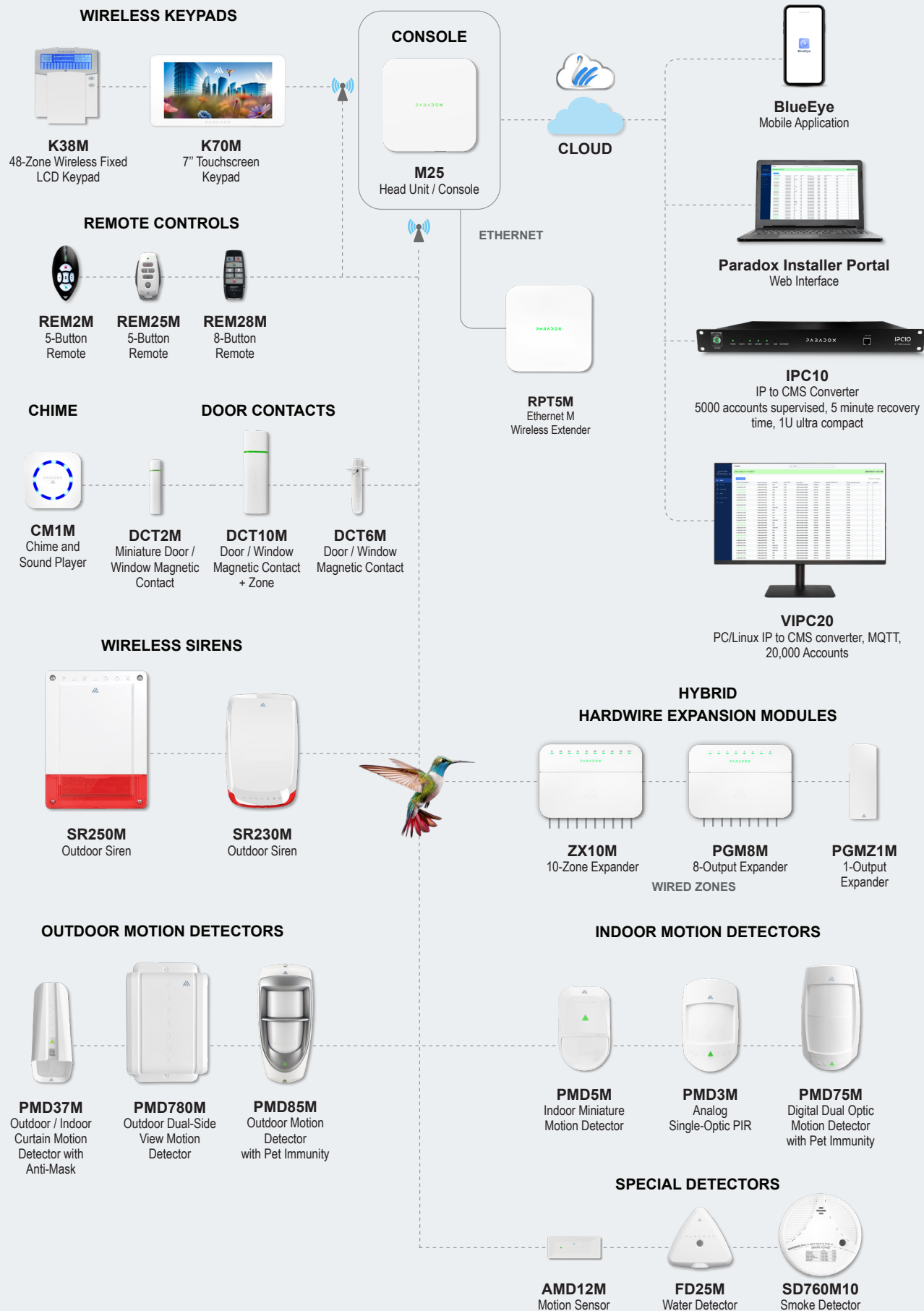
Features

- Hybrid wireless console
- Security, Video Verification, Access Control, programmable outputs
- 3 communication channels - Ethernet, Wi-Fi, LTE
- PoE, 10W power consumption
- 10 partitions, 128 users, 100 zones, 128 remotes
- GFSK wireless, 914 MHz or 868 MHz, 75 nodes per system
- Auto-lean wireless and Ethernet devices
- Temperature monitoring and control
- Safe direct reporting to CMS up to 4 channels without cloud dependency
- User-friendly, simple, mobile application
- Certifications: CE, EN 50131-3, EN 50131-6, EN 50136-1, EN 50136-2, EN 50131-5-3, FCC 15.247.

Technical Specifications

Power Supply	PoE, 10W max
Wireless Type	GFSK with frequency and encryption hopping.
RF Power	868 MHz band (+14 dBm), 914 MHz band (+22 dBm), coin battery devices limited to +14 dBm.
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz; certain countries may have limited or different frequencies.
Battery	3.7V Lithium-ion battery, 5000 mAh.
Battery Backup Time	26H on Ethernet, 24H on Wi-Fi, 20H on LTE
Operating Temperature	-25°C to +55°C (-13°F to 131°F) Battery charge disabled below 0°C and above +55°C internal temperature
Ethernet/ Wi-Fi	Built-in Wi-Fi – 2.4 GHz B/G/N
LTE	Built-in (LTE Model), main channel, or backup.
Users	128; one owner, masters, users, guests, and maintenance.
BlueEye Users Access	Optional, enabled by owner or master per user
JPEGs for User and Partition	Yes, from the gallery or camera
Partitions	10
Bell Output	Only wireless
Total Zones	100
Remotes	128 maximum per system, up to four per user
Wireless Devices	75 per system
Adding Devices	Via auto-learn feature (wireless and Ethernet), QR scan, or manual serial number input for pre-programming

Wireless Repeaters	Maximum of 4 per system. Ethernet or wireless
Programmable Outputs	Up to 48 with wireless expanders; regular, restricted to selected users, or installer-only.
PGM Activation	Controlled by manual activation, schedule, system events, sunset/sunrise, or temperature reading
PGM Status Verification	PGM status with zone verification and timer-based error display per PGM.
Ethernet Expansion Devices	Up to 45 total: repeaters, keypads, cameras, and access modules
Video Verification	Up to 16 cameras (available soon)
Access Control	Up to 16 doors (available soon)
Arming Options	Stay, Sleep, and Full Arm
Auto Arm	On schedule or no movement
Auto Disarm	On schedule, Sleep to Stay, Stay to Disarm
Security Events	1000
Events when the System is Disarmed	1000 (available soon)
Automation Events	1000 (available soon)
Access Events	7500 (available soon)
Installation	By registered installer with Paradox Company ID (PCI) from BlueEye or Service Company Portal.
Service Company Access	Permanent access or as granted by System Owner.
Service Company Lock	Available. Enables automatically when the Service Company subscribes to the Swan service.
Service Company Portal	Available for all registered Service Companies/Installers with Paradox Company ID (PCI).
Temperature Display and Control	Site and areas temperature display, temperature activation for PGM (cool or heat), custom alerts via push notification and BlueEye message center display.
Cloud Services	Paradox Swan 4G (subscription required)
Reporting	Up to four converters, two channels with backup. Up to three transmission channels: Ethernet, Wi-Fi, and LTE.
Programming	Via BlueEye application or PC software
Dimensions	12.4W x 12.4H x 3.55D cm (4.89W x 4.89H x 1.4D in.)
Weight	0.26 Kg

System

WIRELESS KEYPADS

K38M
48-Zone Wireless Fixed
LCD Keypad

K70M
7" Touchscreen
Keypad

CONSOLE

M25
Head Unit / Console

ETHERNET

CLOUD

BlueEye
Mobile Application

Paradox Installer Portal
Web Interface

IPC10
IP to CMS Converter
5000 accounts supervised, 5 minute recovery
time, 1U ultra compact

VIPC20
PC/Linux IP to CMS converter, MQTT,
20,000 Accounts

REMOTE CONTROLS

REM2M
5-Button
Remote

REM25M
5-Button
Remote

REM28M
8-Button
Remote

RPT5M
Ethernet M
Wireless Extender

CHIME

CM1M
Chime and
Sound Player

DOOR CONTACTS

DCT2M
Miniature Door /
Window Magnetic
Contact

DCT10M
Door / Window
Magnetic Contact
+ Zone

DCT6M
Door / Window
Magnetic Contact

WIRELESS SIRENS

SR250M
Outdoor Siren

SR230M
Outdoor Siren

HYBRID
HARDWIRE EXPANSION MODULES

ZX10M
10-Zone Expander

PGM8M
8-Output Expander

WIRED ZONES

PGMZ1M
1-Output
Expander

OUTDOOR MOTION DETECTORS

PMD37M
Outdoor / Indoor
Curtain Motion
Detector with
Anti-Mask

PMD780M
Outdoor Dual-Side
View Motion
Detector

PMD85M
Outdoor Motion
Detector
with Pet Immunity

INDOOR MOTION DETECTORS

PMD5M
Indoor Miniature
Motion Detector

PMD3M
Analog
Single-Optic PIR

PMD75M
Digital Dual Optic
Motion Detector
with Pet Immunity

SPECIAL DETECTORS

AMD12M
Motion Sensor

FD25M
Water Detector

SD760M10
Smoke Detector

WIRELESS EXTENDER

RPT5M
Ethernet M
Wireless Extender

Features

▶ Range extender/repeater
▶ 868 MHz - Up to 1.5 km Line of Sight
▶ 914 MHz - Up to 2.5 km Line of Sight
▶ PoE powered Ethernet based
▶ Certifications: CE, EN 50131-3, EN 50131-6, EN 50136-1, EN 50136-2, EN 50131-5-3, FCC 15.247.

Technical Specifications

Power Supply	PoE, 10W max
Wireless Type	GFSK with frequency and encryption hopping
RF Power	868 MHz band (+14 dBm), 914 MHz band (+22 dBm), coin battery devices limited to +14 dBm.
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz, certain countries may have limited or different frequencies.
Battery	3.7V Lithium-ion battery, 5000 mAh
Battery Backup Time	26H on Ethernet, 24H on Wi-Fi
Operating Temperature	-25°C to +55°C (-13°F to 131°F) Battery charge disabled below 0°C and above +55°C internal temperature
Ethernet/ Wi-Fi	Built-in Wi-Fi – 2.4 GHz B/G/N
Remotes	128 maximum per system, up to four per user
Wireless Devices	75 per system
Adding Devices	Via auto-learn feature (wireless and Ethernet)
Installation	By a registered installer with Paradox Company ID (PCI) from BlueEye or Service Company Portal.
Programming	via BlueEye application or PC software
Dimensions	12.4W x 12.4H x 3.55D cm (4.89W x 4.89H x 1.4D in.)
Weight	0.26 Kg

EXPANDERS

ZX10M
10-Zone Expander

Features

▸ Wireless 10 zone inputs expander
▸ Input 1 can be configured as a fire zone
▸ 12V power, rechargeable 2 lithium 5000 mAh backup batteries
▸ 10 hours battery backup @ 220 mA Auxiliary output
▸ Temperature sensor
▸ Support input with no EOL resistor, a single EOL resistor, or dual EOL resistors
▸ Certifications: CE, EN 50131-3, EN 50131-5-3, FCC 15.247

PGM8M
8-Output Expander

Features

▸ Wireless 8-programmable outputs expander
▸ 24V/1A max switched each output
▸ Manual control for each output
▸ Temperature sensor
▸ 12V power, 1 x 3.7V Li-ion battery with up to 10 days of battery life, 5000mAh (optional)
▸ Certifications: CE, FCC 15.247

Technical Specifications

	ZX10M	PGM8M
Power Input	12-14.0VDC/1A	12-13.8VDC/1A
Wireless Type	GFSK two-way with frequency and encryption hopping	
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.	
RF Power	868 MHz: +14 dBm radiated, 914 MHz: +22 dBm in permitted countries.	
Inputs / Outputs	Number of Inputs: 10	Number of Outputs: 8
Input Connection Type	Two wires, No EOL, 1EOL A (1K ohm), 1EOL B (1K ohm), 2EOL (2 x 1K ohm), Zone one can be set as two-wire smoke.	-
Status Indicators in Application	Zone open/close, tamper status, power supply, battery level, temperature, TX/RX values	Output status indications, tamper status, power supply, battery level, temperature, TX/RX values
Status Indication	Logo: online, offline, battery or power operation, upgrade in process, tamper, zone LEDs - open/close	Logo: online, offline, battery or power operation, upgrade in process, tamper, Output status indicators: activated/deactivated
Battery	2 x 3.7V Li-ion battery, 5000mAh	1 x 3.7V Li-ion battery with up to 10 days of battery life, 5000mAh (optional)
Aux Output Supply	12.5V - 13.8V (12.5V when operating on battery, Max 500mA), Backup of 220mA for 10H.	-
Transmission Time	Less than 20 ms	
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes	
Installation Environment	Indoor	
Firmware Upgrade	Remotely over the air, via BlueEye, about 2 minutes after start delay, delay up to supervision time, or any action on ZX10M and PGM8M respectively.	
Operating Temperature	-20°C to +50°C (-4°F to 122°F) Battery charging: 0°C to 40°C (32°F to 104°F)	
Auto Learn	Yes	
Colors	White	
Dimensions	18W x 13H x 4.5D cm (7.09W x 5.12H x 1.79D in.)	
Weight	0.41 Kg	0.36 Kg with battery

KEYPADS

Features

▸ 7" touch keypad
▸ Wi-Fi with B/G/N
▸ Security, cameras, access temperature, and output control
▸ Brilliant, vivid, high-quality display
▸ Built-in 12 hours lithium battery
▸ Slim, easy installation
▸ Temperature sensor
▸ 12V DC 300 mA input power
▸ Certifications: CE, FCC 15.247

K70M
7" Touchscreen Keypad

Technical Specifications

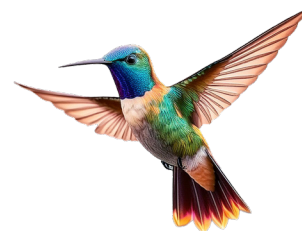|	
Power Input	12Vdc, Maximum 10W
Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Battery	Lithium, 800mA hour, up to 24hr
Transmission Time	Respond within than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Auto Learn	Yes
Installation Environment	Indoors
Operating Temperature	-10°C to +40°C (14°F to 104°F)
Colors	White
Dimensions	19.3W x 11.1H x 1.75D cm (7.6W x 4.4H x 0.7D in.)

K38M
48-Zone Wireless Fixed LCD Keypad

Features

▸ Wireless icon display keypad, 48 zones, 2 partitions
▸ 4 PGM activation keys
▸ Panic control
▸ 6+ years battery life with normal usage
▸ Night illumination
▸ Temperature sensor
▸ Certifications: CE, FCC 15.247

Technical Specifications

Power Input	6 to 14 VDC, 100 mA (minimum)
Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Number of Supported Zones	48
Status Indicators in Application	Power supply, battery level, temperature, TX/RX values
Battery	2 x AA lithium, 6+ years of battery life with normal usage.
Transmission Time	Less than 20ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, Via BlueEye, takes approximately 2 minutes to complete after the transfer begins. Battery-powered mode: a delay of up to 2 seconds before the panel starts transferring the firmware. Plugged-in mode: The firmware transfer starts immediately.
Operating Temperature	-20°C to +50°C (-4°F to 122°F)
Auto Learn	Yes
Colors	White
Dimensions	12.3W x 14.4H x 3.2D cm (4.9W x 5.7H x 1.3D in.)
Weight	0.26 Kg

DOOR CONTACTS

DCT2M
Miniature Door/ Window Magnetic Contact

Features

▶ Magnetic door contact
▶ Ultra-small size
▶ LED indication for opening, closing, and on-line
▶ Easy installation
▶ Temperature sensor
▶ 6+ years of battery life with normal usage
▶ Certifications: CE, EN 50131-2-6, EN 50131-6, EN 50131-5-3, FCC 15.247

DCT10M
Door/Window Magnetic Contact + Zone

Features

▶ Two zones - magnet and wired Input
▶ LED indication for opening, closing, and on-line
▶ Temperature sensor
▶ 8+ years battery life with normal usage
▶ Certifications: CE, EN 50131-2-6, EN 50131-6, EN 50131-5-3, FCC 15.247

Technical Specifications

	DCT2M	DCT10M
Wireless Type	GFSK two-way with frequency and encryption hopping	
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.	
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.	
Close Distance of the Magnet	Less than 1 cm (0.4 in.)	
Open Distance of the Magnet	Above 3 cm (1.1 in.)	Above 2 cm (1.1 in.)
Transmission Time	Less than 20 ms	
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes	
Status Indicators	Battery, temperature, TX/RX values	
Battery	1 x CR123 lithium, 6+ years of battery life with normal usage.	2 x AA lithium, 8+ years of battery life with normal usage.
External Contact Cable Maximum Resistance	-	Up to 50-ohm resistance
Firmware Upgrade	Remotely over the air, via BlueEye	
Installation Environment	Indoor	
Operating Temperature	-30°C to +50°C (-22°F to 122°F)	
Auto Learn	Yes	
Colors	White, Brown, Grey	
Dimensions	2W x 9H x 2D cm (¾W x 3.5H x ¾D in.)	3.5W x 11.7H x 2.5D cm (1.4W x 4.6H x 1D in.)
Weight	Sensor 33 g / Magnet 12g	Sensor 75 g / Magnet 12 g

DCT6M
Door / Window
Magnetic Contact

Features

▸ In-frame installation on doors and windows
▸ Slim, ultra small and easy to install
▸ Temperature sensor
▸ 6+ years of battery life with normal usage
▸ Certifications: CE, EN 50131-2-6 EN 50131-6 EN 50131-5-3, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Close Distance of the Magnet	Less than 8 mm (0.3 in.)
Transmission Time	Less than 20 ms
Supervision Time	20 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	1 x ER10450 lithium only, 6+ years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-30°C to +50°C (-22°F to 122°F)
Auto Learn	Yes
Colors	White, Brown
Dimensions	2.1W x 7.3H x 2.1D cm (0.8W x 2.8H x 0.8D in.)
Weight	Sensor 20 g, Magnet 10 g

DETECTORS

PMD5M
Indoor Miniature Motion Detector

Features

▸ Miniature indoor motion detector
▸ Dual-element PIR sensor
▸ Super creep down-looking beam
▸ Fast and easy installation with integrated bracket
▸ Sensitivity level and detection energy control
▸ Multiple processing modes
▸ Temperature sensor
▸ 6+ years of battery life with normal usage
▸ Certifications: CE, EN 50131-2-2, EN 50131-6, EN 50131-5-3, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	Dual rectangular element
Coverage	110° - 12m (39 ft) x 12m (39 ft)
Detection Speed	0.2m/s to 3.5m/s (0.6 ft/s to 11.5 ft/s)
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	1 x CR123 lithium, 6+ years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +40°C (-4°F to 104°F)
Auto Learn	Yes
Colors	White, Grey
Dimensions	5.61W x 9.15H x 1.75D cm (2.2W x 3.6H x 0.7D in.)
Weight	80 g

PMD3M
Analog Single-Optic PIR

Features

▸ Indoor single-optic wireless PIR motion detector
▸ Sensitivity level and detection energy control
▸ 6+ years of battery life with normal usage
▸ Temperature sensor
▸ Certifications: CE, EN 50131-2-2, EN 50131-6, EN 50131-5-3, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	Dual rectangular element
Coverage	110° - 12m (39 ft) x 12m (39 ft)
Detection Speed	0.2m/s to 3.5m/s (0.6 ft/s to 11.5 ft/s)
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	2 x AA lithium, 6+ years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +40°C (-4°F to 104°F)
Auto Learn	Yes
Colors	White
Dimensions	6.6W x 9.9H x 6.1D cm (2.6W x 3.9H x 2.4D in.)
Weight	0.13 Kg

PMD75M

Digital Dual Optic Motion
Detector with Pet Immunity

Features

▸ Dual-optic wireless PIR sensors
▸ Advanced real pet-immunity
▸ Detection energy level control
▸ 6+ years of battery life with normal usage
▸ Temperature sensor
▸ Multiple processing modes
▸ Certifications: CE, EN 50131-2-2, EN 50131-6, EN 50131-5-3, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	Two dual-opposed infrared sensors
Coverage	90° - 11m (36 ft) x 11m (36 ft); Center beams: 15m (49.2 ft)
Detection Speed	0.2m/s to 3.5m/s (0.6 ft/s to 11.5 ft/s)
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	3 x AAA Lithium, 6+ years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +40°C (-4°F to 104°F)
Auto Learn	Yes
Colors	White
Dimensions	6.6W x 12.4H x 6.1D cm (2.6W x 4.9H x 2.4D in.)
Weight	0.16 Kg

PMD37M

Outdoor / Indoor Curtain Motion
Detector with Anti-Mask

Features

▶ Indoor/Outdoor dual-optic wireless PIR detector
▶ Pet-immunity
▶ Sensitivity level control
▶ Anti-mask sensitivity adjustments
▶ 6+ years of battery life with normal usage
▶ Temperature sensor
▶ -20°C to +40°C operating temperature
▶ Certifications: CE, EN 50131-2-2, EN 50131-6,
   EN 50131-5-3, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	2 dual elements
Coverage	88.5° - 11m (36 ft) x 11m (36 ft); Center beams: 15m (49.2 ft)
Detection Speed	PET Immunity mode: 7.5m x 2m (25 x 7 ft)
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	2 x AA lithium, 6+ years of battery life with normal usage.
Installation Environment	Outdoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +40°C (-4°F to 104°F)
Auto Learn	Yes
Colors	White
Dimensions	6.1W x 12.3H x4.3D cm (2.4W x 4.8H x 1.7D in.)
Weight	0.17 Kg

Features

- ▶ Outdoor dual-optic PIR motion detector
- ▶ Advanced pet-immunity
- ▶ Sensitivity level and detection energy level control
- ▶ Changeable lenses
- ▶ Impact-resistant and temperature-resistant casing
- ▶ 6+ years of battery life with normal usage
- ▶ Temperature sensor
- ▶ -20°C to +40°C operating temperature
- ▶ Multiple processing modes
- ▶ Certifications: CE, EN 50131-2-2, EN 50131-6, EN 50131-5-3, FCC 15.247

PMD85M
Outdoor Motion Detector
with Pet Immunity

Technical Specifications

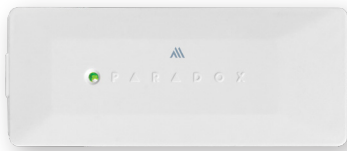|	
Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	Dual element infrared (x2)
Coverage	90° - 11m (36 ft) x 11m (36 ft)
Detection Speed	0.2m to 3.5 m/s (0.6 ft to 11.5 ft/s)
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	3 x AA lithium, 6 +years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +40°C (-4°F to 104°F)
Auto Learn	Yes
Colors	White
Dimensions	8.3W x 17.5H x7.4D cm (3.29W x 6.9H x 2.9D in.)
Weight	0.27 Kg

Features

- Outdoor dual-side detection
- Reports as single or dual units to separate zones
- Sensitivity level control
- Multiple processing modes
- 6+ years of battery life with normal usage
- Temperature sensor
- -20°C to +40°C operating temperature
- Certifications: CE, EN 50131-2-2, EN 50131-6, EN 50131-5-3, FCC 15.247

PMD780M
Outdoor Dual-Side View Motion Detector

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	4x dual low-noise rectangular elements
Coverage	3m (9.8ft) – 12m (39.37ft) on each side
Detection Speed	0.2m / sec.– 4m/sec. (0.6 ft/sec.– 13.1 ft /sec.)
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	3 x AA lithium, 6+ years of battery life with normal usage.
Installation Environment	Outdoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +40°C (-4°F to 104°F)
Auto Learn	Yes
Colors	White
Dimensions	11W x 21H x 7D cm (4.3W x 8.2H x 2.7D in.)
Weight	0.45 Kg

Features

▸ Three-axis accelerometer sensor
▸ Sensitivity level control
▸ Detection based on the number of seconds
  of constant motion
▸ 3+ years of battery life with normal usage
▸ Temperature sensor
▸ Easy and fast installation
▸ Certifications: CE, FCC 15.247

AMD12M
Motion Sensor

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
Sensor Type	Three-axis accelerometer
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +14 dBm maximum, power managed
Transmission Time	Less than 20 ms
Supervision Time	20 minutes
Battery	1 x CR2032 lithium, 3+ years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye.
Operating Temperature	-20°C to +50°C (32°F to 122°F)
Auto Learn	Yes
Colors	White, Black
Dimensions:	30W x 76H x 10D mm (1.2W x 3H x 0.4D in.)
Weight	20 g

FD25M
Water Detector

Features

‣ Water detection
‣ Sound alert
‣ 6+ years of battery life with normal usage
‣ Temperature sensor
‣ Control water supply valve (not included)
‣ Certifications: CE, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators in Application	Power supply, battery level, temperature, TX/RX values
Battery	1 x CR123 lithium, 6+ years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-30°C to +50°C (-22°F to 122°F) Below 4°C (detection functions only above the liquid's freezing point).
Auto Learn	Yes
Colors	White
Dimensions	8.9W x 8.4H x 2.3D cm (3.5W x 3.3H x 0.9 in.)
Weight	70 g

SD760M10
Smoke Detector

Features

▸ High-sensitivity photoelectric smoke detector
▸ Built-in alarm siren
▸ Test fire alarm button
▸ 10 years of battery life with normal usage
▸ Temperature sensor
▸ Certifications: CE, EN 14604, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	1 x CR123 lithium, 10 years of battery life with normal usage.
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	4.4°C to +37.8°C (40°F to 100°F)
Auto Learn	Yes
Colors	White
Dimensions	12 Ø x 4.6 cm (4.8 Ø x 1.9 in.)
Weight	0.21 Kg

PGMZ1M
1-Output Expander

Features

▸ One programmable output relay and one zone input
▸ 24V/1A max switched output
▸ Temperature sensor
▸ 12V power
▸ Certifications: CE, FCC 15.247

Technical Specifications

Power Input	AC/DC 5-16V, 300mA minimum
Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz Might vary in different countries.
RF Power	868 MHz: +14 dBm radiated, 914 MHz: up to +22 dBm in permitted countries.
Number of Outputs, Inputs	One relay output 24V/1A, One zone input
Status Indicators in Application	Output status indications, tamper status, power supply, temperature, TX/RX values
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Installation Environment	Indoor/Outdoor
Firmware Upgrade	Remotely over the air, via BlueEye, about 2 minutes after start delay.
Operating Temperature	-30°C to +50°C (-22°F to 122°F)
Auto Learn	Yes
Colors	White
Dimensions	4.6W x 12.45H x 3.3D cm (1.8W x 4.9H x 1.3D in.)
Weight	77 g

REMOTE CONTROLS

REM28M
8-Button Remote

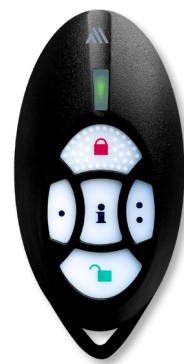### Features

▸ Water-resistant
▸ Sleek and durable design
▸ System status
▸ Backlight buttons
▸ Audible indications
▸ Certifications: CE, FCC 15.247

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz range May vary by region.
RF Power	868 MHz up to +14 dBm, 914 MHz up to +14 dBm.
Transmission Time	Less than 20 ms
Battery	1 x CR2032 lithium
Colors	White, Black
Dimensions	3.3W x 7.4H x 1.4D cm (1.2W x 2.9H x 0.55D in.)
Weight	30 g

REM25M
5-Button Remote

Features

▸ Water resistant
▸ Sleek and durable design
▸ System status
▸ Backlight buttons
▸ Visual and audible indications
▸ Certifications: CE, FCC 15.247

REM2M
5-Button Remote

Features

▸ Water resistant
▸ System status
▸ Backlight buttons
▸ Visual and audible indications
▸ Certifications: CE, FCC 15.247

Technical Specifications

	REM25M	REM2M
Wireless Type	GFSK two-way with frequency and encryption hopping	
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz range May vary by region.	
RF Power	868 MHz up to +14 dBm, 914 MHz up to +14 dBm	
Transmission Time	Less than 20 ms	
Battery	1 x CR2032 lithium	
Colors	White, Black	
Dimensions	3.9W x 7.2H x 1.2D cm (1.5W x 2.8H x 0.5D in.)	3.8W x 7.8H x 1.8D cm (1.5W x 3.1H x 0.7H in.)
Weight	30 g	20 g

ACCESSORIES

Features

▶ Audio player for door chime entry exit and alarm
▶ Adjustable ringtones and volume levels
▶ 100-260V AC, wall socket pluggable
▶ Easy installation
▶ 6 zone chime alarm tones, 8 burglary alarm tones
▶ Certifications: CE, FCC 15.247

CM1M
Chime and Sound Player

Technical Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz range May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Number of Ringtones	Zone chime alarm tones: 6 Burglary alarm tones: 8 Fire alarm tones: 8 (same melodies as burglary alarm tones) Entry tone: 1 Exit tone: 1 (same as entry tone) Panic alarm tone: 8 (same melodies as burglary alarm tones)
Supervision Time	20 minutes, 10 minutes, and 3 minutes
Installation Environment	Indoor
Firmware Upgrade	Remotely over the air, via BlueEye
Input Voltage	AC110 ~260V, 50/60Hz
Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Colors	White
Dimensions	8.4W x 8.4H x 4.8D cm (3.3W x 3.3H x 1.9D in.)
Weight	82 g

Features

▶ Gigabit PoE+ Injector 30W
▶ 100-240V AC

LED Indicators	Power (Yellow), PoE Load (Green)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Dimensions	9.53 W x 3.5H x 5.1D cm (3.7 x 1.4 x 2.01 in.)
Operating Temperature	0.135 kg

EG30
PoE+ Injector

SR230M
Outdoor Siren

Features

▸ 100 dB wireless siren with integrated strobe light
▸ Lens color options - Red, Blue, Amber
▸ Weather-resistant
▸ Temperature sensor
▸ Powered 12V
▸ Up to 5 years of battery life (due to risk of leakage)
▸ Certifications: CE, EN 50131-4, EN 50131-5-3, FCC 15.247

Technical Specifications

Current Consumption	Standby: 5.75 µA, Maximum: 450 mA
Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Status Indicators	Battery, temperature, TX/RX values
Battery	3 x C alkaline, up to 5 years of battery life (due to the risk of leakage from alkaline batteries).
Siren	100 dBA or more (1 meter), Piezo siren
Transmission Time	Less than 20ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Installation Environment	Outdoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +50°C (-4°F to 122°F)
Auto Learn	Yes
Colors	White
Dimensions	6W x 24H x 18D cm (2.3W x 9.5H x 7D in.)
Weight	0.55 Kg

SR250M
Outdoor Siren

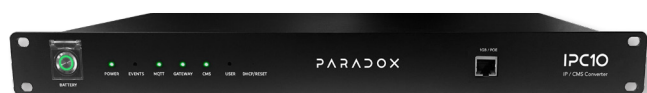## Features

▸ 100 dB wireless siren with integrated strobe light
▸ Weather-resistant
▸ Lens color options - Red, Blue, Clear, Amber
▸ External power supply connector
▸ Temperature sensor
▸ Powered 12V
▸ Up to 5 years of battery life (due to risk of leakage)
▸ Certifications: CE, EN 50131-4, EN 50131-5-3, FCC 15.247

Technical Specifications

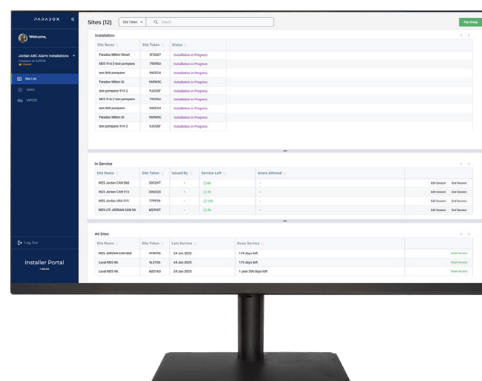|	
Power Supply Input	8-16 Vac / 9-20 Vdc
Current Consumption	Sleep: 22 uA, Standby: 130 uA, Alarm: 550 mA
Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region.
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries.
Status Indicators	Battery, temperature, TX/RX values
Battery	3 x C alkaline, up to 5 years of battery life (due to the risk of leakage from alkaline batteries).
Siren	100 dBA or more (1 meter), Piezo siren
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (Default), and 3 minutes
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to +50°C (-4°F to 122°F)
Installation Environment	Outdoor
Auto Learn	Yes
Colors	White
Dimensions	6W x 24H x 18D cm (2.3W x 9.5H x 7D in.)
Weight	1.21 Kg

IP CONVERTERS

IPC10

IP to CMS Converter, MQTT,
5,000 Accounts

Features

▸ Up to 5,000 accounts with default 5-minutes supervision, or 3,500 accounts at 90-second supervision
▸ No registration for reporting devices
▸ 5 minutes recovery in case of converter replacement
▸ 4 supervision profiles – 90 seconds, 5, 10 or 20 minutes
▸ One single Ethernet front connection with POE
▸ Rack Mount 19" (1U)
▸ 10,000 events buffer if CMS down
▸ Easy and simple-to-use UI

Technical Specifications

Compatibility	IP180 (Ethernet + Wi-Fi), PCS265V8 (LTE), IP150+ FW 6.0 or higher, and Paradox panels with IP or cellular on- board
Input Voltage	POE, 37–57 V DC, Class 2 device
Power Input	12.5W
Operating Temperature	0 to 40 °C (32 to 104 °F)
Replacement Recovery	Auto recovery in case of replacement for all accounts within 5 minutes
Encryption Type	AES 128-bit
Communication Protocol	CID via Sur-Gard MLR2-DG or Ademco 685
Dimensions	Fits 19" Rack 1U 48.26 x 20.3 x 4.2 cm (19" x 8" x 1.65" in)
Weight	3.41 Kg

VIPC20

PC/Linux IP to CMS converter, MQTT,
20,000 Accounts

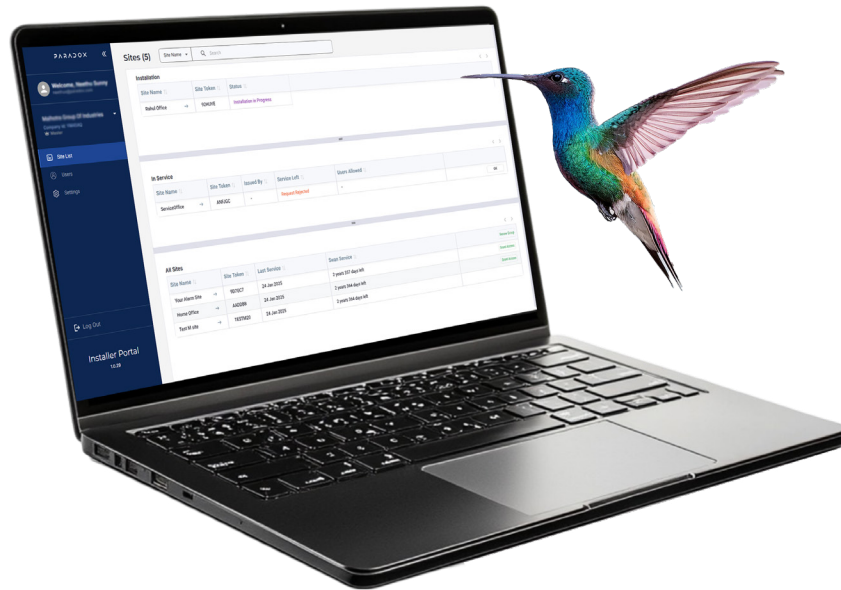### Features

▸ Installed on a PC with a Linux environment
▸ Supports the most well-known hypervisors
▸ Converts Paradox IP reporting protocol to CMS CID and MLR2-DG formats
▸ Can monitor 20,000 accounts at 10-minute supervision or 10,000 accounts at 90-second supervision.
▸ Secured and encrypted RSA2K KEY MQTT
▸ 80,000 events buffer with alarm priority

Technical Specifications

Compatibility	M head units, legacy panels manufactured after 2012 using IP180, PCS265V8 (LTE), IP150+MQ, IP150 MQTT FW 6.0 or higher.
Account Capacity	20,000 for normal or long supervision, 10,000 for high supervision
Supervision	Long: 20 minutes, 10 minutes, Default: 5 minutes, Short: 90 seconds
Supervision Message	Account Offline online status reported to CMS.
Replacement Recovery Time	Auto recovery VIPC20 replacement within five minutes. All accounts should be restored.
Encryption Type	AES 128-bit
Communication Protocol	CID via Sur-Gard MLR2-DG or Ademco

Portal
Company Service Portal

The Service Company Portal is a dedicated platform designed for professional installers to efficiently manage all sites, installer access, and site payments. This portal provides installers with a centralized interface to oversee their assigned sites, collaborate with other installers, and handle administrative tasks with ease.

The Service Company Owner and Service Company Master can do the following in the Service Company Portal:

▸ View the sites
▸ Invite other Installers
▸ Revoke access
▸ Grant access to User Installers
▸ Perform Batch Payments
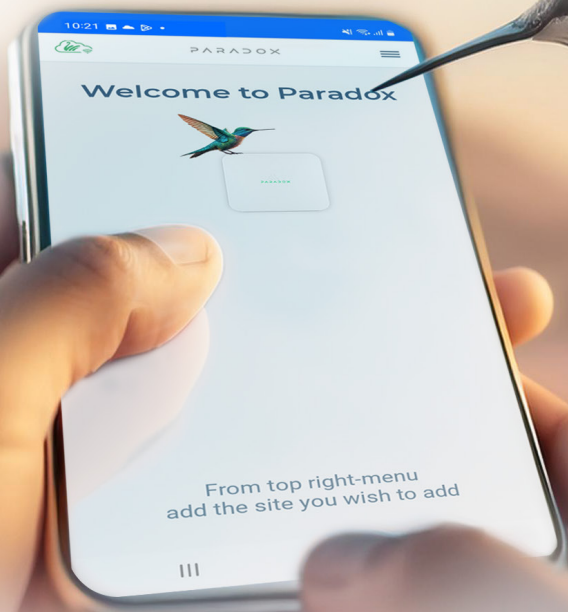
APPLICATION

BlueEye
Mobile App for iOS™ and Android™

BlueEye puts the power of home and business security at your fingertips. With real-time alerts, and instant control of your alarm system, this app keeps you connected and protected—anytime, anywhere.

Whether you're activating your system on the go, or receiving notifications about suspicious activity, BlueEye helps you protect what matters most. Experience peace of mind with security that's always accessible.

It's the all-in-one application you will ever need!

▶ Receive real-time notifications for alarm alerts
▶ Arm/disarm your system from your smartphone
▶ Multi-user access with customized permissions
▶ User-friendly interface
▶ Easy setup and configuration
▶ Free mobile app

Available on the **App Store**

GET IT ON **Google Play**