CeLAN
Ce-DS938Z

General DS938Z Panoramic PIR

Ceiling mount, 18 m (60 ft) panoramic PIR Detectors use Motion Analyzer II processing to reduce false alarms. Several unique self-test features, including Motion Monitor, provide coverage integrity. Field replaceable mirrored optics allow them to be mounted on ceilings from 2.5 m to 6 m (8 ft to 18 ft) in height.

Motion Analyzer II uses multiple thresholds and timing windows to analyze timing, amplitude, duration, and polarity of signals to make an alarm decision. It will not alarm on extreme levels of thermal and illumination disturbances caused by heaters and air conditioners, hot and cold drafts, sunlight, lightning, and moving headlights. Provides three sensitivity settings.

Features

DS938Z Panoramic PIR

- Motion Analyzer II processing
- Motion Monitor
- Self-test supervision systems
- Changeable mirrors
- 360° x 18 m (60 ft) diameter pattern
- 2.5 m to 6 m (8 ft to 18 ft) mounting height

PIR Supervision
PIR supervision provides trouble output in the event that PIR circuitry fails.

Motion Monitor
Switch-selectable four or thirty day Motion Monitor supervision timers provide the detector with the ability to verify that there is a clear view of the protection area and that it has not been blocked.

Test Features
Three externally visible high output alarm LEDs visible from any angle, flash to indicate trouble condition. Internal noise voltage test pins provide precise pattern location and background disturbance evaluation using a standard analog meter.
CeLAN DS938Z

Specifications

CeLAN Specifications

- Power Requirements: 12 VDC nominal (8.0 VDC minimum, 16 VDC maximum), 25 mA maximum
- Panel Data Bus: CeLAN - 128 Bit AES Encrypted
- CINCH Stick Port: One (1) - 128 Bit AES Encrypted, CINCH Stick port.
- Storage Temperature: -30° to 140° F (-34° to 60)
- Operating Temperature: 32° to 120° F (0° to 49° C), up to 140° F (60° C) under temporary conditions
- Maximum Humidity: 90% relative humidity, non-condensing
- Listings: UL 1076, FCC Part 15, FPIS 197

DS938Z

- Material: High impact ABS plastic enclosure
- Dimensions: 8.4 cm x 13.3 cm (3.3 in. x 5.25 in.)
- Operating Temperature: -29°C to +49°C (-20°F to +120°F)
  For UL Listed Applications, 0°C to + 49°C (+32°F to +120°F)
- Radio Frequency Interference (RFI) Immunity:
- No alarm or setup on critical frequencies in the range from 26 MHz to 950 MHz at 50 V/m.
- Height (recommended): 2.5 m to 6 m (8 ft to 18 ft)
- Location: Mounts directly to ceiling or to standard octagonal electrical box.
- Internal Pointability: Coverage is adjustable ±10° horizontally, +2° to -18° vertically.
- Alarm: Form C reed relay at 3.0 W, 125 mA at 28 VDC for resistive loads
- Tamper: Normally-closed. Contacts rated at 28 VDC, 125 mA maximum
- Current: 18 mA at 12 VDC
- Voltage: 6 VDC to 15 VDC

Enrolls into the system as a CeLAN device, the system can enroll up 100 CeLAN devices.

Ordering

Control Panel
PCU-IDS  Protector Panel
Touch Screen
Ce-TS  Touch Screen
Expansion Modules
Ce-2ZI  2 Zone Input
Ce-8ZI  8 Zone Input
Ce-4RO  4 Relay Output
Ce-24ZI  24 Zone Input
Communication Modules
Ce-FC-N  Fiber Conversion
Ce-TCP/IP  Network Module
Ce-FC-ER  Fiber Conversion
CeLAN Modules
Ce-DS938Z  Motion
Ce-DS308  Motion
Ce-DS1SC  Motion
Ce-M3ZS  HSS L2 Contact
Ce-M1ZRS  Recessed Contact
Ce-1076DRS  Recessed Contact
Ce-1076HRS  Recessed Contact
Ce-U1Z  Universal 1 Zone
Ce-WF2ZI  Wellsfargo Contact
Ce-U2Z  Universal 2 Zone
CeLAN Accessories
CO-CSU  Cinch Stick
CO-PS2KI  Keyboard Module
CO-T-P  Panel Tester
CO-T-8Z  8 Zone Tester
CO-T-4R  4 Relay Tester
CO-T-Printer  Printer Tester
CO-PRSI  Siren Supervision
Ce-EX  Expansion Module
Power
ACC-24T-100  Transformer
ACC-B12-18  18Ahr Battery
ACC-B12-7  7Ahr Battery
ACC-6P  Power Cord
E-CB  Termination Box
Accessories
L-M-KD  Panel Lock
L-M-KA  Panel Lock
ACC-CFC-S  Fiber Cable
L-S  Standard Panel Lock
ACC-CFC-MM  Fiber Cable
S-ET  Panel Tamper
Enclosures
E-P  Panel Enclosure
E-P-Kit
E-CP  Plastic Enclosure
E-PA  Accessory Enclosure
E-PA-Kit
E-PA-S  Small Accessory Enclosure
E-PA-S-Kit

For more information: www.cinchsystems.com

Cinch Systems
10275 43rd St NE, Ste 300
St Michael, MN 55379
1-763-497-1059