The DSISC-W16 Professional Series PIR Detector is exceptionally suited for commercial indoor applications. Sensor data fusion technology ensures that the detector sends alarm conditions based on precise information. Trifocus optics eliminate coverage gaps and respond efficiently to intruders. The powerful combination of unique features in the Professional Series delivers superior catch performance and virtually eliminates false alarms.

The self-locking two-piece enclosure, built-in bubble level, flexible mounting height, and three optional mounting brackets simplify installation and reduce service time.

Features

ISC-PPR1-W16
- 16 m x 21 m (50 ft x 70 ft) coverage, selectable to 8 m x 10 m (25 ft x 33 ft)
- Tri-focus optics technology
- Active white light suppression
- Dynamic temperature compensation
- Remote walk test
- Alarm memory
- Draft and insect immunity
- 2 m to 3 m (7 ft to 10 ft) mounting height, no adjustments required

Tri-focus Optics Technology
Tri-focus optics technology uses optics with three specific focal lengths: long-range coverage, middle-range coverage, and short-range coverage. The detector applies the three focal lengths to 86 detection zones, which combine to make 11 solid curtains of detection. Tri-focus optics technology also includes two pyroelectric sensors, which deliver twice the standard optical gain. The sensors process multiple signals to deliver precise performance virtually free of false alarms.

Active White Light Suppression
An internal light sensor measures the level of light intensity directed at the face of the detector. Sensor data fusion technology uses this information to eliminate false alarms from bright light sources.
CeLAN DSISC

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

ISC-PPR1-W16

- Voltage (Operating): 9 VDC to 15 VDC
- Current (Maximum): < 15 mA
- Current (Standby): < 10 mA at 12 VDC
- Relay: Solid state relay, normally-closed (NC) contacts, power supervised. 3 W, 125 mA, 25 VDC,
- Tamper: Normally-closed (NC) contacts (with cover) on rated at 25 VDC, 125 mA maximum. Connect tamper circuit to 24-hour protection circuit.
- Color: White
- Dimensions: 127 mm x 69 mm x 58 mm (5 in. x 2.75 in. x 2.25 in.)
- Material: High-impact ABS plastic
- Alarm Indicator: Blue alarm LED
- Relative Humidity: 0 to 95%, non-condensing
- Temperature (Operating and Storage): -29°C to +55°C (-20°F to +130°F)

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
Ce-TS-P  Plastic 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-TC/IP  Network Module
Ce-FC-ER  Fiber Conversion

CeLAN Modules
Ce-DS938Z  Motion
Ce-DS308  Motion
Ce-DSISC  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 Receivers
Ce-AESR-IDS  AES Receiver

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-Print  Printer Tester
CO-PRSI  Siren Supervision
Ce-EX  Expansion Module

Power
ACC-T24V-100  Transformer
ACC-B12-18  Battery
ACC-B12-7  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  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

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