CeLAN
Ce-DSISC - Motion

CINCH

DSISC-W16 Rev A

General ISC-PPR1-WA16G

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.

CeLAN Module included
in the motion detector

The CeLAN DSISC PIR Detector is ready to install with a CeLAN module connected to the detector. Simply wire the module to the Protector CeLAN Bus, enroll the CeLAN module, and enroll the zones into the panel.
The DSISC motion detector has the capability of reporting three individual zones:

- Motion detection zone
- Cover Tamper
- Anti-mask Tamper

Features

ISC-PPRI-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

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- 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	**CeLAN Modules**	**CeLAN Accessories**	**Accessories**
PCU-IDS Protector Panel	Ce-DS938Z Motion	CO-CSU Cinch Stick	L-M-KD Panel Lock
	Ce-DS308 Motion	CO-PS2KI Keyboard Module	L-M-KA Panel Lock
Touch Screen	Ce-DSISC Motion	CO-T-P Panel Tester	ACC-CFC-S Fiber Cable
Ce-TS Touch Screen	Ce-M3ZS HSS L2 Contact	CO-T-8Z 8 Zone Tester	L-S Panel Lock
Ce-TS-P Plastic Touch Screen	Ce-M1ZRS Recessed Contact	CO-T-4R 4 Relay Tester	ACC-CFC-MM Fiber Cable
	Ce-1076DRS Recessed Contact	CO-T-Printer Printer Tester	S-ET Panel Tamper
Expansion Modules	Ce-1076HRS Recessed Contact	CO-PRSI Siren Supervision	
Ce-2ZI 2 Zone Input	Ce-U1Z Universal 1 Zone	Ce-EX Expansion Module	**Enclosures**
Ce-8ZI 8 Zone Input	Ce-WF2ZI Wellsfargo Contact		E-P Panel Enclosure
Ce-4RO 4 Relay Output	Ce-U2Z Universal 2 Zone	**Power**	E-P-Kit
Ce-24ZI 24 Zone Input		ACC-T24V-100 Transformer	E-CP Plastic Enclosure
	Receivers	ACC-B12-18 Battery	E-PA Accessory Enclosure
Communication Modules	Ce-AESR-IDS AES Receiver	ACC-B12-7 Battery	E-PA-Kit
Ce-FC-N Fiber Conversion		ACC-6P Power Cord	E-PA-S Small Accessory Enclosure
Ce-TCP/IP Network Module		E-CB Termination Box	E-PA-S-Kit
Ce-FC-ER Fiber Conversion			

For more information: www.cinchsystems.com

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AES ENCRYPTED