

ECOSYSTEM

OPTIC G1 Wireless Passive Infrared (PIR) Sensor

ECOSYSTEM designs some of the worlds most effective energy efficiency solutions. The OPTIC G1 Wireless Passive Infrared (PIR) Sensor is the human sensing component of our HVAC and Lighting energy management system. It is a rugged device designed for commercial retrofit applications where easy installation and low maintenance are critical. The OPTIC G1 is ideal for hospitality, mixed use and residential applications.

The OPTIC G1 Wireless PIR Sensor uses the latest sensing circuitry designs to deliver maximum occupant recognition performance. It comes in a convenient CO² detector form to ensure that it blends in with room decor. It is compatible with all ECOSYSTEM AUTO G1 Wireless Control Panels. Engineering, design and architectural submittals can easily be written around the following technical specifications and features.

✓ TECHNICAL FEATURES

Input Type 1	Pyroelectric Sensor
Output 1	LED Movement Indicator
Output 2	LED Battery Indicator
LED Modes	Dual Color On/Off Selectable
Mode Selection	On-board jumper
Programming	On-board tactile button
Mounting	Includes base and plate
Battery Life	2-3 Years

CONTACT



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🔍 TECHNICAL SPECIFICATIONS

Power Supply	2x 3V CR123A Primary Lithium Batteries
Current Draw (Standby)	34.6µA
Current Draw (Transmitting)	8mA
Peak Emissions	12.8µW
RF Transmitter	315MHz or 434MHz
RF Range	10~33 Meters
Coverage Pattern	360°
Dimensions (D x H)	120mm x 40mm
Compliance	FCC and CE
Product Warranty	3 Years

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OPTIC G2 Wired Passive Infrared (PIR) Sensor

ECOSYSTEM designs some of the worlds most effective energy efficiency solutions. The OPTIC G2 Wired Passive Infrared (PIR) Sensor is the human sensing component of our HVAC and Lighting energy management system. It is a rugged device designed for commercial new construction or refit applications where hardwired installation and low maintenance are critical. The OPTIC G2 is ideal for hospitality, mixed use and residential applications.

The OPTIC G2 Wired PIR Sensor uses the latest sensing circuitry designs to deliver maximum occupant recognition performance. It comes in a convenient CO² detector form to ensure that it blends in with room decor. It is compatible with all ECOSYSTEM AUTO G2 Wired Control Panels. Engineering, design and architectural submittals can easily be written around the following technical specifications and features.



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TECHNICAL FEATURES

Input Type 1	Pyroelectric Sensor
Input Type 2	Add. Optic G2 Sensor in Series
Output Type 1	LED Movement Indicator
Output Type 2	LED Battery Indicator Emulator
Output Type 3	4P Telephone Cable
Output Type 4	22AWG-3P Signal Cable
Output Connector (Type 3)	4P Telephone Jack
Output Connector (Type 4)	Screw Type Terminal Block
LED Modes	Dual Color On/Off Selectable
Mode Selection	On-board jumper
Mounting	Includes base and plate
Maximum Sensor Input (Type 2)	Up to 10 Sensors in Series



TECHNICAL SPECIFICATIONS

Power Supply	12VDC
Current Draw (Standby)	1.17mA
Current Draw (Sensing)	8mA
Coverage Pattern	360°
Dimensions (D x H)	120mm x 40mm
Compliance	CE
Product Warranty	3 Years