

LOG-ML2

Motion / Light Sensor (Wireless & Self Powered)



Features

- Wireless.
- Self powered.
- Passive infrared sensor.
- Reliable detection of occupant presence.
- With advanced options.

Description

LOG-ML2 is ideally suited for occupancy based lighting control and also provides for indoor daylight harvesting functionality, with a light range of 0-1020 lx. When paired with a relay (LOG-RLY) and a wireless rocker switch (LOG-ESRP), the sensor creates an out of the box, cost effective, lighting control system. When combined with a LOGICA® gateway (LOG-EBOX), LOG-ML2 can be integrated into an existing BACnet-compatible building automation system.

Operation

Built in solar cells, it stores energy from available ambient light to power the device and keep it operational during periods of darkness. The device must be placed at the location where sensing is required and this location is dependent on individual application. An optional battery back up is available for locations with low or no ambient light. The sensor can be mounted using screws or simply placed in selected location with double stick tape. It is recommended that the pairing of this device be done prior to installing the ceiling sensor.

Applications

- Hotels & resorts
- Colleges & universities
- New construction
- Executive offices
- Perimeter zones
- Daylight harvesting
- Restrooms
- Private offices
- Retrofits
- Conference rooms
- Lighted hallways
- Cruise ships
- Classrooms
- Daycare facilities

Compatible Devices



RELAY
(LOG-RLY)
(476100272)



NODE
(LOG-10V12)
(476100271)



SWITCH
(LOG-ESRP)
(476100273)

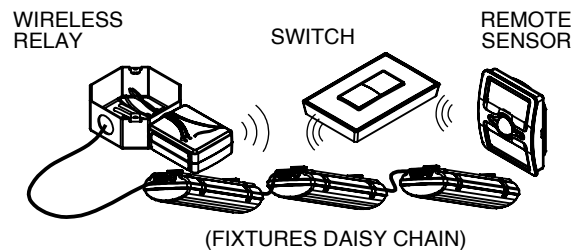


ACCESS POINT
(LOG-AP3)
(476100318)



BACnet GATEWAY
(LOG-EBOX)
(476100316)

Basic Common Application



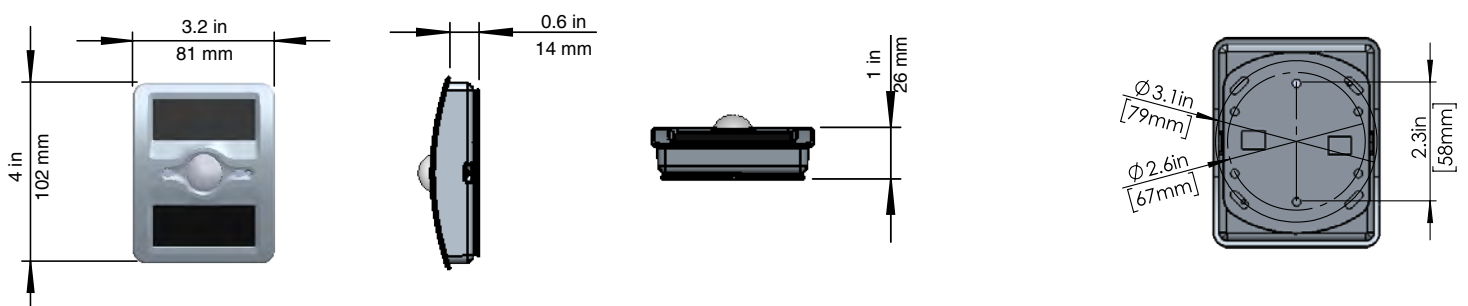
Technical Specifications

Motion Sensing	DIGITAL PASSIVE IR
Detection Distance	12 m
Detection Range (Hor. x Vert.)	102° x 92°
Light Sensor (Must be enabled using LOGICACONFIG)	0-95 FC (0-1020 lx)
Default Transmission Interval	Immediate Upon Detected Occupancy (Status signal sent every 15 minutes)
Default Unoccupied Send Delay	5 minutes (Adjustable via LOGICACONFIG tool)
Min. Light Required to Charge	4FC (40 lx)
Min. Charge Time to Begin Operation	1 minute @ 20FC (200 lx)
Full Charge Time	~ 8 hours @ 100FC (1000 lx)
Maintain Charge Time	3 hours per 24 hours @ 20FC (200 lx)
Operation Life at Full Charge (No battery)	Up to 72 hours
Optional Battery Life	10 years (1/2AA 3.6V LITHIUM)
Operating Temperature	10° to 60°C - Indoor use only
Start Up & Configuration	LOG-USB (476100295) & LOGICACONFIG

Application Notes

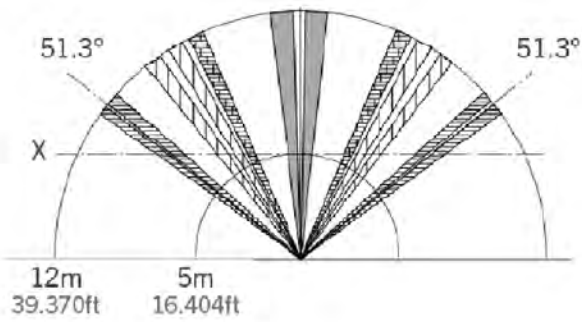
BASIC		ADVANCED	
· Zoning	· Luminaire level lighting control	· Networking	· Device monitoring / Remote diagnostic
· Addressable	· Easy start-up & configuration	· Scheduling	· BACnet
		· Personal Control	· Restricted access

Dimensions



Detection Performance

TOP VIEW



SIDE VIEW

