



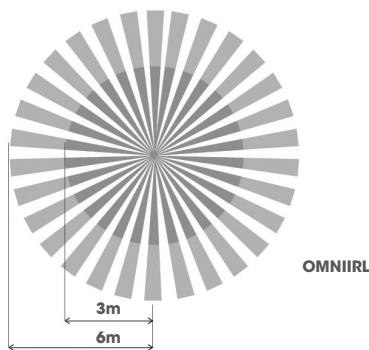
OMNIIRL | OMNIIRLRP

OMNI™ PASSIVE INFRARED CEILING SENSOR FEATURING IntelliDAPT®

Key features

- IntelliDAPT self-adaptive technology – no manual adjustment required
- All-digital passive infrared (PIR) sensor
- Non-volatile memory for sensor settings
- 139 square-metre coverage area (depending on model)
- Optional relay and photocell control
- Quick to Install (QTI) connector
- Uses UVPP Power Pack - not included

Range Diagram



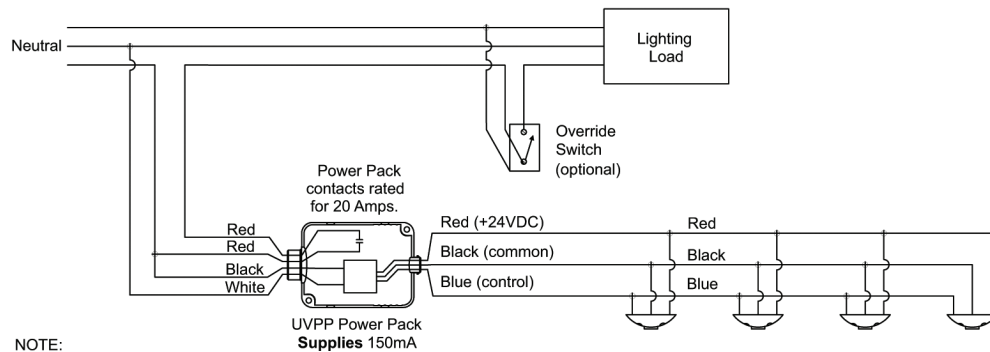
Specifications

IntelliDAPT technology	Auto reset from test setting Self-adjusting timer Self-adjusting ultrasonic and passive infrared thresholds Automatic false-on/false-off corrections
LED lamp	Red – infrared motion Green – ultrasonic motion
Timer timeout	Automatic mode: 8–30 minutes. (self-adjusts based on occupancy) Test mode: 8 seconds (for an easy check at installation)
Passive infrared (PIR)	Dual-element pyrometer and 12-element cylindrical rugged lens
RP option	Relay and photocell included Relay: NO + NC contacts; SPDT; 500 mA rated @ 24VDC; three-wire isolated relay Photocell: adjustable natural-light override ranges from 0–1,000 lux
Coverage	139.35m ² (depending on model)
Power requirements	24 VDC, 33mA (uses UVPP Power Pack – not included)
Output	24 VDC active high-logic control signal with short circuit protection and optional dry contact (see: RP option)
Operating environment	Indoor use only Operating temperature: 0° – 40°C 0% to 95% relative humidity, non-condensing
Construction	Casing – rugged, high-impact, injection-molded plastic KJB ABS Cyclicolac (UL-945VA) flame class rating, UV inhibitors Colour-coded leads are 152.4mm long
Size and weight	Size: 114mm diameter, 38mm height Weight: 142g
Colour	Off - white
Mounting	Mounting base provided Recommended maximum mounting height: 3.65m
Warranty	5 years



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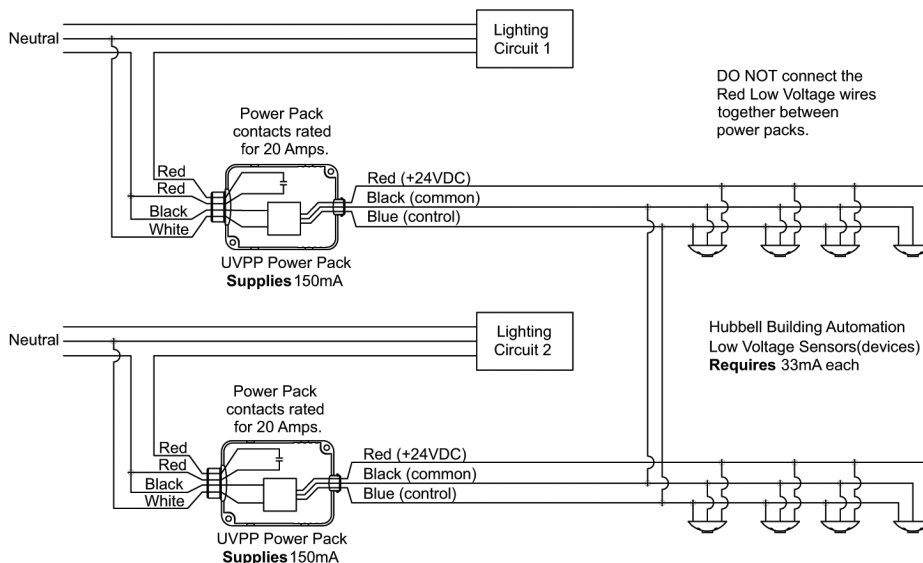
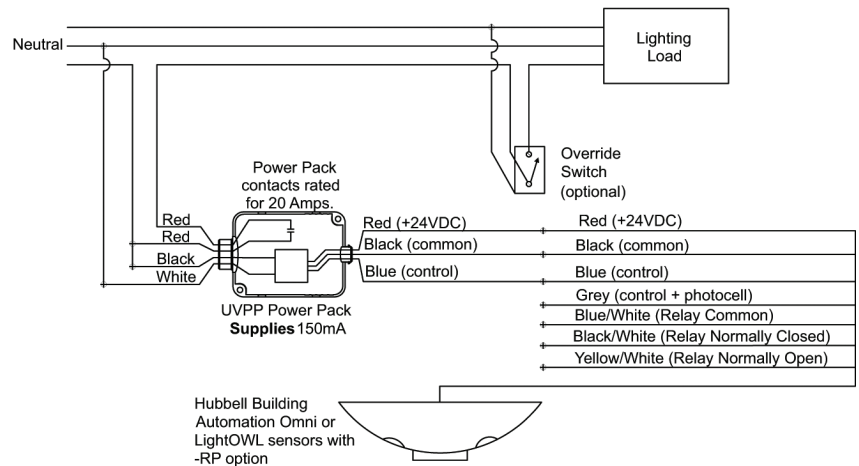
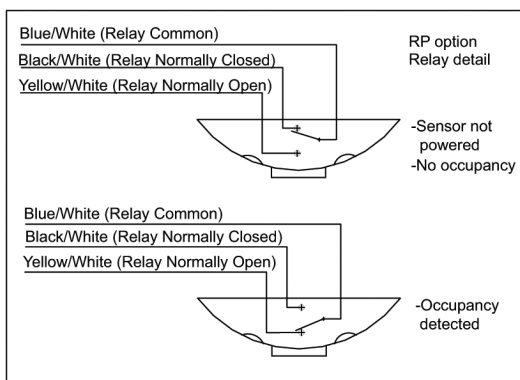
Wiring Diagram



NOTE:

1. DO NOT attempt to power more than 4 devices (sensors or slave packs) from a single power pack.

Hubbell Building Automation
Low Voltage Sensors (devices)
Requires 33mA each



DO NOT connect the Red Low Voltage wires together between power packs.

Hubbell Building Automation
Low Voltage Sensors (devices)
Requires 33mA each

NOTES:

1. Lighting load turns on when at least one sensor detects motion.
2. DO NOT attempt to power more than 4 devices (sensors or slave packs) from a single power pack.
3. No more than 4 power packs should be connected in this way.