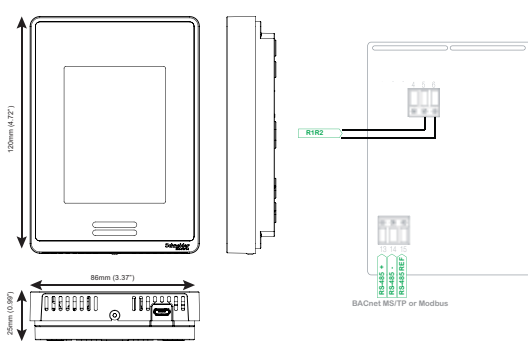


PAC/VRF Smart Connectivity controller external dimensions Room Controller SER8150 - Dimensions & Wiring & Specifications



Dimensions
 Height: 12cm/4.72in
 Width: 8.6cm/3.39in
 Depth: 2.7cm/1.06in
Power Requirements
 16 Vdc from Panasonic R-R IDU connectors
 50/60 Hz, 4WA, Class 2 Supply
 Range from Indoor Unit
 Recommended 500ft (150 m)
Operating Conditions
 0 °C to 50°C (32°F to 122°F)
 0% to 95% R.H. non-condensing
Storage Conditions
 -30°C to 50°C (-22°F to 122°F)
 0% to 95% R.H. non-condensing
Temperature Sensor
 Local 10 K NTC type 2 thermistor
 Temperature Sensor Resolution
 ± 0.1°C (± 0.2°F)
 Temperature Sensor Accuracy
 ± 0.5°C (± 0.9°F) @ 21°C (70°F) typical calibrated
Humidity Sensor and Calibration
 Single point calibrated bulk polymer type sensor

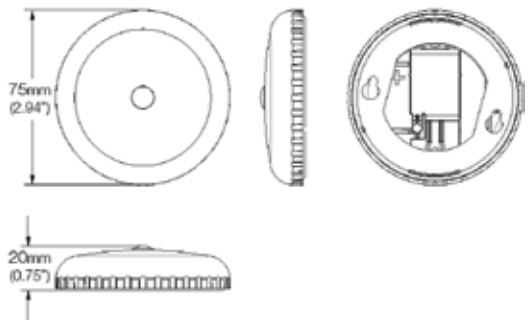
Humidity Sensor Precision
 Reading range from 10 to 90 % R.H. non-condensing 10 to 20% precision: 10%
 20% to 80% precision: 5%
 80% to 90% precision: 10%
Humidity Sensor Stability
 Less than 1.0 % yearly (typical drift)
Wiring
 Maximum wire length between last indoor unit to SER8150RxB1194 equals 490R (150m) with AWG #18 wire (0.82 mm²). Refer to Panasonic VRF guidelines "Wiring System Diagram for Remote Controller" for this limitation.
 Approximate Shipping Weight
 0.34 kg (0.75 lb)
Safety Standards All Models
 LVD Directive 2006/95/EC
 EN 60950-1:2006/A2:2013
 UL 873 CSA C22.2 No.24-93
EMC Standards All Models
 EMC Directive 2004/108/EC
 IEC 61326-1:2005
 FCC 15 Subpart B
 ICES-003

Radio Standards (Wireless Models)
 R&TTE Directive 1999/5/EC
 IEC 61326-1:2005
 EN 301 489-1 V1.9.2
 EN 301 328 V1.8.1
 FCC 15 Subpart C, Class A
 RSS 210
 THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.



Check with your local government for instruction on disposal of these products.

Ceiling Motion Sensor SED-CMS-P-5045 - Dimensions & Wiring & Specifications



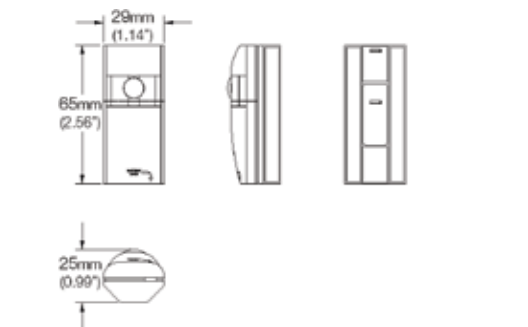
Dimensions
 75mm diameter x 20mm thick (2.94in diameter x 0.75in thick)
Colour
 White
Weight
 50g (1.8oz) with batteries
Communication
 ZigBee, HA1.2 Compatible
Communication Range
 Up to 40ft (12m), open field 300ft (100m)
Detection Range
 Maximum: 90 deg cone, 16.5ft (5m)
 Recommended: 45 deg, 12ft (3.6m)
Battery Voltage
 1.5VDC Alkaline
Battery Cell
 2 x AAA (recommended Panasonic LR03XWA)
Battery Life
 Up to 5 years
Ambient Temperature
 -10°C to +50 °C (+14 °F to +122 °F)

Certification



Check with your local government for instruction on disposal of these products.

Wall Motion Sensor SED-WMS-P-5045 - Dimensions & Wiring & Specifications



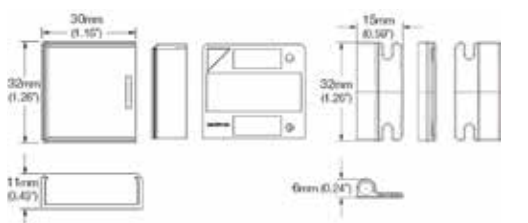
Dimensions
 65mm H x 29mm W x 25mm D (2.56in H x 1.14in W x 0.99in D)
Color
 White
Weight
 30g (1.06oz) with battery
Communication
 ZigBee, HA1.2 Compatible
Communication Range
 Up to 40ft (12m) open field 300ft (100m)
Detection Range
 Maximum: 90 deg cone, 16.5ft (5m)
 Recommended: 47 deg, 16ft (5m)
Battery Voltage
 3.0VDC Lithium
Battery Cell
 CR2 (recommended Panasonic CR15H270)
Battery Life
 Up to 5 years
Ambient Temperature
 -10°C to +50 °C (+14 °F to +122 °F)

Certification



Check with your local government for instruction on disposal of these products.

Door/Window Contact SED-WDS-P-5045 - Dimensions & Wiring & Specifications



Sensor Dimensions
 32mm wide x 30mm high x 11mm thick (1.26in wide x 1.18in high x 0.43in thick)
Magnet Dimensions
 15mm wide x 32mm high x 6mm thick (0.59" wide x 1.26" high x 0.24" thick)
Color
 White
Weight
 11g (0.38oz) with battery
Communication
 ZigBee, HA1.2 Compatible
Communication Range
 Up to 40ft (12m) open field 300ft (100m)
Battery Voltage
 3.0VDC Lithium
Battery Cell
 CR2032 (recommended Panasonic CR2032)
Battery Life
 Up to 5 years
Ambient Temperature
 -10°C to +50 °C (+14 °F to +122 °F)

Certification



Check with your local government for instruction on disposal of these products.