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0.19 - 20µm, 3W, Thermopile Wireless Power Detector

0.19 - 20µm, 3W, Thermopile Wireless Power Detector

Stock **#17-207** **1 In Stock**

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Qty 1-4	**A$4,584.00** each
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General

Cooling Method:
Convection

Maximum Incident Energy Density (J/cm^2):
1

Compatible Meters:
Not Required

Physical & Mechanical Properties

Dimensions (mm):

104 x 73 x 72

Weight (g):
367

Weight (kg):
0.367

Active Area (mm):
12

Optical Properties

Wavelength Range (nm):
190 - 20000

Wavelength Range (µm):
0.19 - 20

Sensor

Type of Sensor:
Thermopile

Electrical

Maximum Incident Beam Power (mW):
3,000

Maximum Incident Beam Power (W):
3

Maximum Incident Power Density (W/cm^2):
1,000

Maximum Incident Power Density (kW/cm^2):
1

Noise Level:
0.5 µW

Hardware & Interface Connectivity

Computer Interface:
Bluetooth®

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 242:
Compliant

Product Details

- Bluetooth® Wireless, All-in-One Detector and Meter Solutions
- Monitor Laser Beam Properties via Gentec-EO BLU App (Available for **iOS** and **Android**) or PC Software
- Long Battery Life of Up to 5 Days with Continuous Use
- Wired **Power and Energy Detectors** Also Available

Edmund Optics® Wireless Power and Energy Detectors combine a detector and meter with Bluetooth® technology to provide a convenient, all-in-one solution for laser beam analysis. These detectors are operated by either the Gentec-EO BLU app (available for **iOS** and **Android**) or via PC with the included Bluetooth receptor and PC-Gentec-EO software. Measurements can be taken up to 30m away from the detector, depending on the physical environment, with the same performance as a wired detector/meter combination. Edmund Optics® Wireless Power and Energy Detectors are compatible with incident beam powers up to 300W and are ideal for labs looking to simplify their laser measurement setups by reducing the number of cables and devices. These detectors have a long battery life of up to 5 days with continuous use and are rechargeable via USB.

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