

## 0.19 - 20 $\mu$ m, 300W, Thermopile Wireless Power & Energy Detector



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⊖ 1 ⊕ £2,980<sup>00</sup>

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### Product Downloads

#### General

Fan Cooled **Cooling Method:**

1 **Maximum Incident Energy Density (J/cm<sup>2</sup>):**

Not Required **Compatible Meters:**

#### Physical & Mechanical Properties

121.1 x 92 x 116.8      **Dimensions (mm):**

1410      **Weight (g):**

1.41      **Weight (kg):**

55      **Active Area (mm):**

## Optical Properties

190 - 20000      **Wavelength Range (nm):**

0.19 - 20      **Wavelength Range (µm):**

## Sensor

Thermopile      **Type of Sensor:**

## Electrical

300,000      **Maximum Incident Beam Power (mW):**

300      **Maximum Incident Beam Power (W):**

45,000      **Maximum Incident Power Density (W/cm<sup>2</sup>):**

45      **Maximum Incident Power Density (kW/cm<sup>2</sup>):**

15 mW      **Noise Level:**

## Hardware & Interface Connectivity

Bluetooth®      **Computer Interface:**

## Regulatory Compliance

[Compliant](#)      **RoHS 2015:**

[View](#)      **Certificate of Conformance:**

[Compliant](#)      **Reach 242:**

## 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.