

0.19 - 20µm, 110W, Thermopile Wireless Power & Energy Detector



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1

+

£2,120⁷⁵

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SPECIFICATIONS

General

Fan Cooled

Cooling Method:

1

Maximum Incident Energy Density (J/cm²):

Not Required	Compatible Meters:
Physical & Mechanical Properties	
81 x50 x68	Dimensions (mm):
250	Weight (g):
0.25	Weight (kg):
19	Active Area (mm):
Optical Properties	
190 - 20000	Wavelength Range (nm):
0.19 - 20	Wavelength Range (µm):
Sensor	
Thermopile	Type of Sensor:
Electrical	
110,000	Maximum Incident Beam Power (mW):
110	Maximum Incident Beam Power (W):
45,000	Maximum Incident Power Density (W/cm²):
45	Maximum Incident Power Density (kW/cm²):
3 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.