

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



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

Stock #17-209 **1 In Stock**

⊖ 1 ⊕ C\$4,172⁰⁰

ADD TO CART

Volume Pricing

Qty 1-4	C\$4,172.00 each
Qty 5+	C\$3,754.80 each
Need More?	Request Quote

Product Downloads

General

Cooling Method:
Fan Cooled

Maximum Incident Energy Density (J/cm²):
1

Compatible Meters:
Not Required

Physical & Mechanical Properties

Dimensions (mm):

81 x 50 x 68

Weight (g):

250

Weight (kg):

0.25

Active Area (mm):

19

Optical Properties

Wavelength Range (nm):

190 - 20000

Wavelength Range (µm):

0.19 - 20

Sensor

Type of Sensor:

Thermopile

Electrical

Maximum Incident Beam Power (mW):

110,000

Maximum Incident Beam Power (W):

110

Maximum Incident Power Density (W/cm²):

45,000

Maximum Incident Power Density (kW/cm²):

45

Noise Level:

3 mW

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.