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WinCamD-LCM Beam Profiler

Stock **#24-211** **1 In Stock**

- 1 + **MRP** **₹6,25,518**

Price inclusive of all taxes

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Qty 1+	**₹6,25,518** each
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Physical & Mechanical Properties

Dimensions (mm):
46 x 46 x 20

Dimensional Accuracy:
±1µm

Optical Properties

Spectral Range:
355 - 1150

Minimum Stimulation, Pulsed:
USB 2.0: 6.3 kHz
USB 3.0: 12.6 kHz

Beam Diameter (µm):
55 (10 Pixels)

Sensor

Pixel Size, H x V (µm):
5.5 x 5.5

Pixels (H x V):
2,048 x 2,048

Sensing Area, H x V (mm):
11.3 x 11.3

Sensor Format:
1"

Frame Rate:
60Hz

Electrical

Signal to Noise S/N Ratio (dB):
2,500:1

Peak Noise (nW/cm^2):
34 dB optical / 68 dB electrical

Threading & Mounting

Mount:
8-32 thread, 8 mm deep

Regulatory Compliance

RoHS 2015:
Exempt

Certificate of Conformance:
View

REACH 241:
Contains SVHC(s)

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Designed for Use from 355 to 16000nm
- Compatible with Beam Diameters Down to 52µm
- Robust and Easy to Use Free Software Provided
- Measure Beam Wander, M², Divergence, and More

DataRay Camera Beam Profilers provide excellent solutions for beam analysis of both continuous wave and pulsed laser sources. Each beam profiler features an integrated CMOS sensor (IR profilers feature Microbolometer sensors) that eliminates comet trailing for higher resolution output and allows for update rates of 60+ Hz. Sensors are available with active sizes of 6.6, 11.3, and 25mm horizontals, enabling measurement of large beam diameters. DataRay Camera Beam Profilers have the added advantage of a free, robust software with analysis features such as M² measurement, beam wander and logging, and instrument alignment. These profilers are USB3.0/2.0 powered and include a 3m flexible screw locking cable. Neutral density filters with optical densities of 1.0, 2.0, and 4.0 are included.

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