

BladeCam2-HR Beam Profiler



Stock #24-213 **1 In Stock**

- 1 + MRP ₹3,38,778

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹3,38,778 each
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Product Downloads

Physical & Mechanical Properties

Dimensions (mm):
46 x 46 x 16.5

Dimensional Accuracy:
±1µm

Optical Properties

Spectral Range:
355 - 1150

Beam Diameter (µm):
52 (10 Pixels)

Sensor

Pixel Size, H x V (µm):

5.2 x 5.2

Pixels (H x V):

1,280 x 1,024

Sensing Area, H x V (mm):

6.6 x 5.3

Frame Rate:

≥9 Hz

Electrical

Signal to Noise S/N Ratio (dB):

1,000:1

Threading & Mounting

Mount:

6-32 holes aligned with sensor center.

4-40 holes on camera rear.

NOTE: DataRay will ship new units with a 1/4"-20 adapter. Please contact us if adapters are needed for existing consignment units.

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
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6th Cross Rd, Binnamangala,
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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, M_F, 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 M_F 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.