

BladeCam2-HR Beam Profiler



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+

S\$4,466^{.00}

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SPECIFICATIONS

Physical & Mechanical Properties

46 x 46 x 16.5	Dimensions (mm):
±1µm	Dimensional Accuracy:

Optical Properties

355 - 1150	Spectral Range:
52 (10 Pixels)	Beam Diameter (µm):
Sensor	
5.2 x 5.2	Pixel Size, H x V (µm):
1,280 x 1,024	Pixels (H x V):
6.6 x 5.3	Sensing Area, H x V (mm):
≥9 Hz	Frame Rate:
Electrical	
1,000:1	Signal to Noise S/N Ratio (dB):
Threading & Mounting	
1/4"-20 holes aligned with sensor center. 4-40 holes on camera rear.	Mount:
Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

PRODUCT DETAILS

- Designed for Use from 355 to 1150nm
- Compatible with Beam Diameters Down to 52µm
- Robust and Easy to Use Free Software [Provided](#)
- Measure Beam Wander, M², Divergence, and More

DataRay Beam Profilers provide excellent solutions for beam analysis of both continuous wave and pulsed laser sources. The integrated CMOS sensor 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 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.