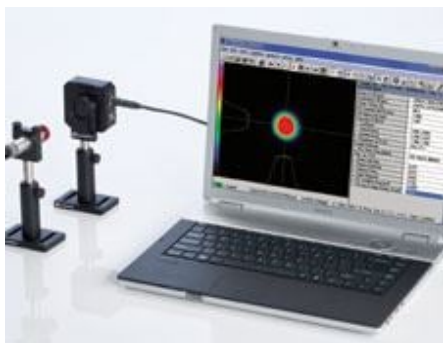


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Coherent® Lasercam™ Beam Profiler

 See More by [Coherent®](#)


- 12 and 14-bit Digital USB 2.0 Interface Options
- High Sensitivity and Dynamic Range
- Intuitive BeamView™ Software Included

Common Specifications

Physical & Mechanical Properties

Dimensions (mm):	68.1 x 79.3 x 40.9 (with LDFP)	Weight (g):	110 (without cable)
Dimensional Accuracy:	±1% (typical), ±5% max (over entire spectral and dimensional range)		

Optical Properties

Peak Intensity:	Recommended: 75-95% of camera saturation
Damage Threshold, By Design:	32 mJ/cm ² @ 1.06μm without Low Distortion Faceplate

Sensor

Gamma:	1.00		
Frame Rate:	27Hz (Live Mode), 10Hz (with calculations)	Exposure Time:	Fixed at 10ms

Electrical

Signal to Noise S/N Ratio (dB):	>60	Gain (dB):	Gain is factory set for optimum linear dynamic range, not user adjustable
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Peak Noise (nW/cm²): 24 (at 632.8nm)

Pulse Trigger: TTL, rising or falling edge

Hardware & Interface Connectivity

Operating System: Windows®

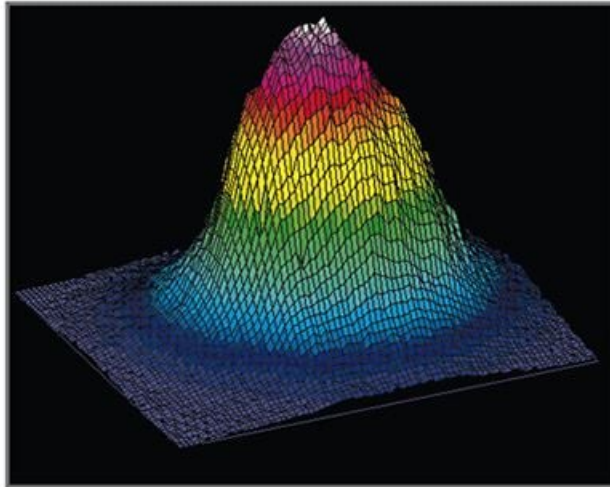
Threading & Mounting

Mount: C-Mount

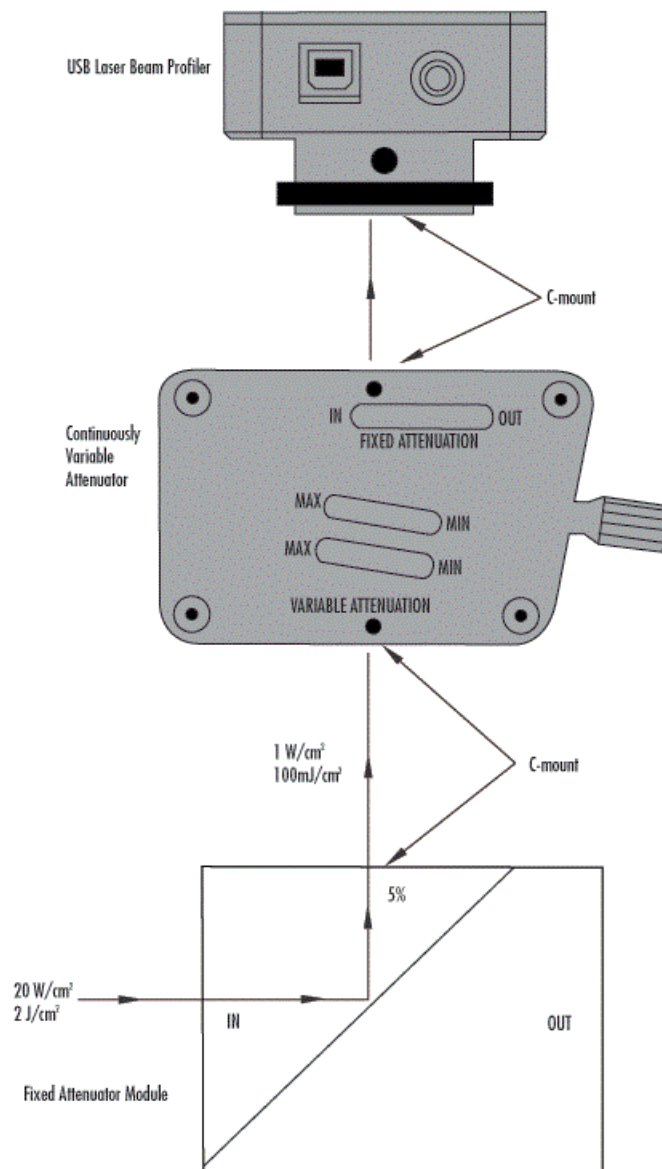
Environmental & Durability Factors

Operating Temperature (°C): -20 to 60

Technical Information



Intuitive Software Interface



Products

Sensor Format	Beam Diameter, 1/e ² (mm)	Sensing Area, H x V (mm)	Stock Number	Price	Buy
1/2"	Recommended: 0.15mm min, 4.0mm max	5.9 x 4.8	#33-156	₹4,18,050	10 to 12 days
2/3"	Recommended: 0.20mm min, 6.0mm max	8.3 x 6.6	#33-157	₹5,38,200	10 to 12 days



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