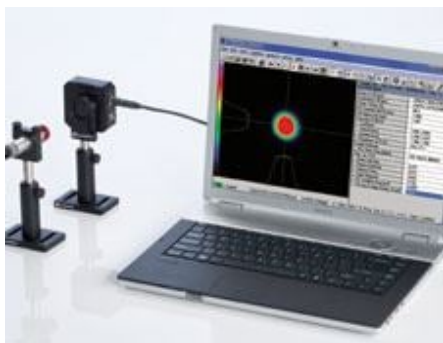


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Coherent® Lasercam™ Beam Profiler

 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 |
|--|-----|-------------------|---|

Peak Noise (nW/cm²): 24 (at 632.8nm)

Pulse Trigger: TTL, rising or falling edge

Hardware & Interface Connectivity

Operating System: Windows®

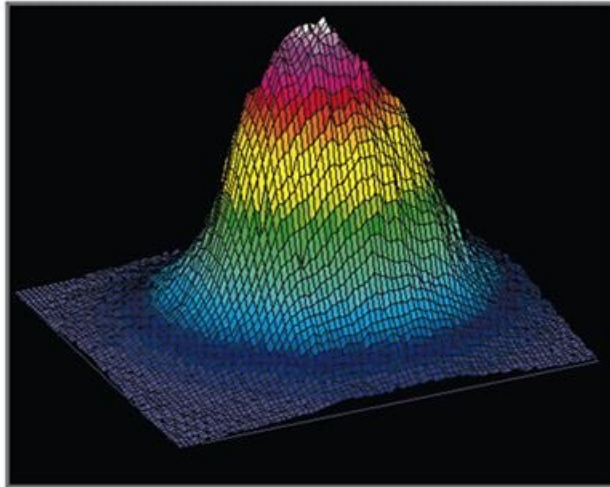
Threading & Mounting

Mount: C-Mount

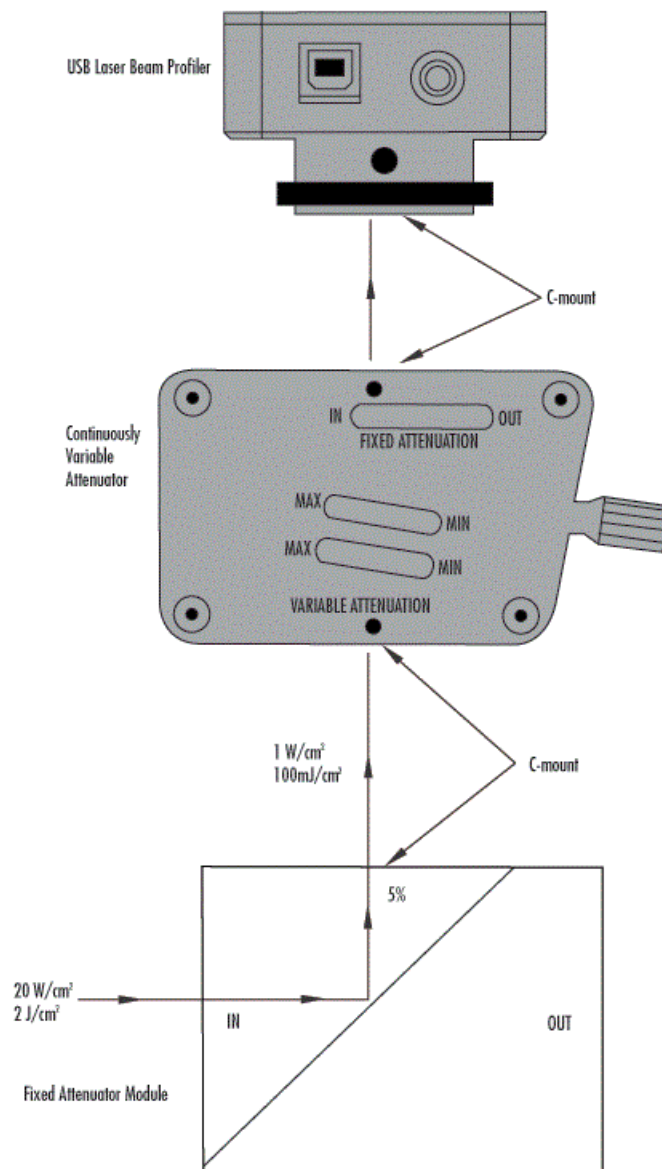
Environmental & Durability Factors

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 | £4,145.66 | 1 In Stock |
| 2/3" | Recommended: 0.20mm min, 6.0mm max | 8.3 x 6.6 | #33-157 | £5,337.15 | 3 In Stock |



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