

BA-CAM - Beam Analyzer CAMera Single Spot Beam Profiler



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€6.830⁰⁰

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General

Model Number:
BA-CAM-200-1200-112-EO

Physical & Mechanical Properties

Dimensions (mm):
49.1 x 29.1 x 29.1

Input Beam Diameter, 1/e² (mm):
6.2

Optical Properties

300 - 1200 **Spectral Range:**

6200 **Maximum Focused Beam Size (µm):**

28 **Minimum Focused Spot Size (µm):**

Sensor

2.74 x 2.74 **Pixel Size, H x V (µm):**

4,128 x 3,008 **Pixels (H x V):**

11.31 x 8.24 **Sensing Area, H x V (mm):**

1/1.1" **Sensor Format:**

10 **Frame Rate:**

Global **Shutter Type:**

Electrical

Auto or External (8-pin Hirose connector HR25-7TR-8PA(73)) - [#86-758](#) **Trigger:**

1.9 - 4.0 **Power Consumption (V):**

Hardware & Interface Connectivity

GigE POE **Connector:**

Power Supply Required and Sold Separately; Power Over Ethernet (PoE) Single Port injector - [#68-469](#) AND 2X of any of the following - [#63-863](#), [#63-864](#), [#59-231](#), [#59-232](#), [#59-233](#), [#59-234](#) **Power Supply:**

Environmental & Durability Factors

+0 to +50 **Operating Temperature (°C):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Analysis of Beam Profile, Centroid, Ellipticity, Clip Levels, Flatness Factor, Plateau Uniformity
- Supports CW and Pulsed Laser Sources
- Ideal for Laser System Diagnostics and Process Optimization
- Compliant with ISO 13694 Spatial Beam Metrics

Haas Laser Technologies BA-CAM Beam Analyzer Cameras deliver precise, measurement and monitoring of continuous wave (CW) and pulsed laser sources. Designed in accordance with ISO 13694 standards for laser and laser-related equipment, the BA-CAM provides accurate spatial beam characterization to ensure optimal laser system performance. Offering detailed analysis of beam profile, circularity, centroid location, ellipticity, clip levels, flatness factor, and plateau uniformity, this analyzer enables early detection of alignment issues or system degradation. Haas Laser Technologies BA-CAM Beam Analyzer Cameras are designed without moving components, ensuring high reliability and providing instantaneous feedback on the laser beam and related optical elements.