

XOA-8407 # BEAM PROFILER

Introduction



Beam profilers can detect the beam shape and measure the intensity distribution at a cross-section. XOA-8407 series beam profilers are based on CMOS cameras, and the wavelength range is 350-1200nm. Three sensor sizes are available, 1/1.2", 1", and 1/2.5". The maximum power is 1W (with an 0.1% attenuator). XOA-8407 series can accurately measure the size, roundness, energy distribution, center of mass, and pointing stability of the laser beam. The selected professional industrial camera ensures the stability and reliability of the product, and the humanized software design enhances the human-machine interaction experience.

Features

A variety of sensor sizes to choose from
Multiple attenuators for flexible matching
Compact size, easy to carry
Professional software, easy to operate

Applications

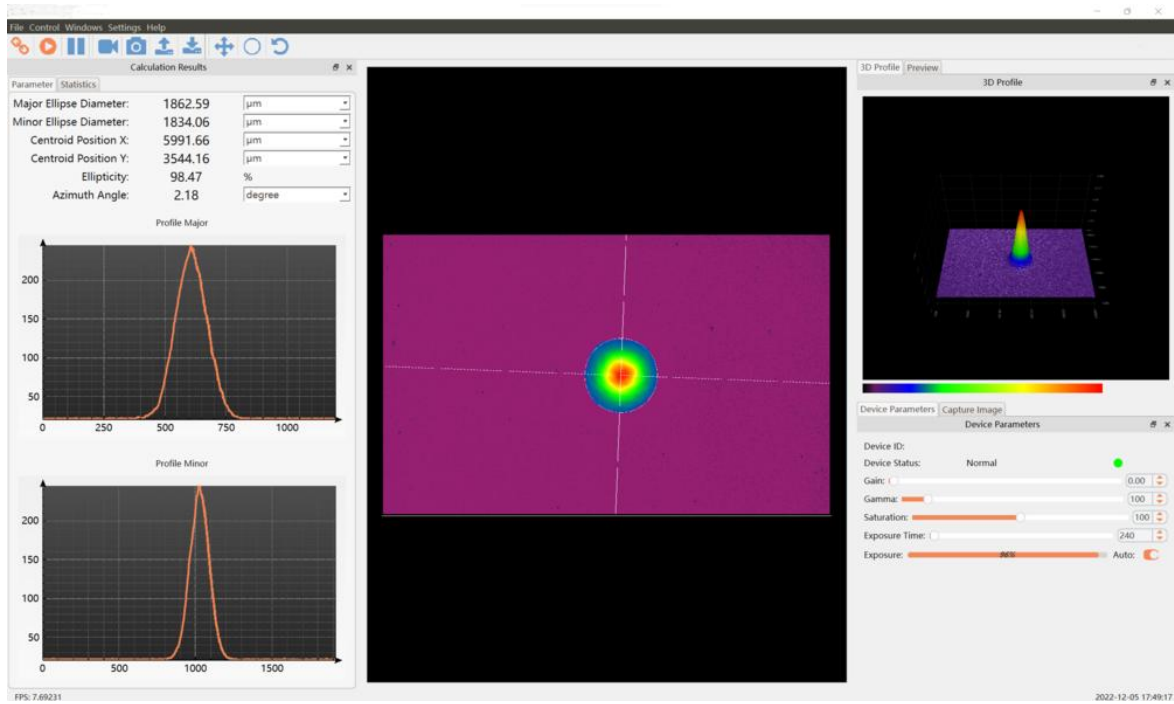
Measurement of laser beam profile, circularity, the center of mass, energy distribution, and pointing stability.

Specifications

Model	XOA-8407-01	XOA-8407-02	XOA-8407-03
Light-sensitive size	1"	1/1.2"	1/2.5"
Sensor Type	CMOS	CMOS	CMOS
Wavelength Range (nm)	350-1200	350-1200	350-1200
Minimum measurable beam (um)	55	55	26
Max. measurable power* (W)	1	1	1
Number of frames	60	60	60

*With 0.1% attenuator

Typical datar



Dimension

