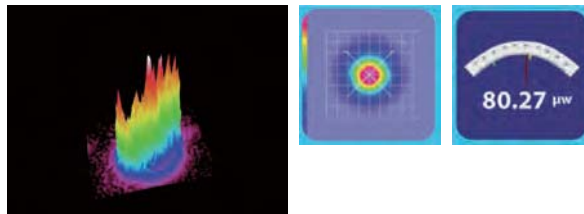


A CCD type beam profiler for both CW and pulsed lasers, providing improved analytical capability.

- High resolution CCD sensor supports both CW and pulsed lasers.
- Supports a wide range of output with a filter (option) set in the accessory filter wheel.
- Measures beam profiles, position and beam intensity with 350nm to 1310nm sensitivity.



[Features]

- Capable of measuring both CW and pulsed lasers.
- Our original technology enables measurement in a wide dynamic range.
- Capable of output the logging data using RS232C and TCP/IP.

Specifications

Products Name	OS-BeamOnHR
Details	CCD camera with 350nm to 1310nm sensitivity
Components	USB2.0 cable, post, filter wheel, software, carrying case

CCD Specifications

Camera Type	1.4 mega-pixel, 1/2-inch progressive scan
Pixel Size	4.65μm×4.65μm
Sensor Effective Area	6.47mm×4.83mm
Weight	0.165kg
Trigger Terminal	RCA female, TTL4.5V rectangular wave.
Power Consumption	4W 6V

System Performance

Wavelength Sensitivity	350nm – 1310nm
Frame Rate	15fps (1392×1040)
Imaging Resolution	1392×1040
Shutter Speed	0.6s – 1μs
Gain Control	1× – 23×
Dynamic Range	60DB (without filter)
Damage Threshold	50W/cm ² (with filter)
Sensitivity	633nm: 5nW/cm ² , 1310nm: 60μW/mm ²
Saturation Point	2mW/cm ²
Used with Pulsed Laser	Measurement of laser output between 1Hz to 100Hz, also single shot measurement is possible.
Trigger	Operate the slide bar on the software display and decide the detection threshold.

Application Systems

Optics & Optical Coatings

Opto-Mechanics

Bases

Manual Stages

Actuators & Adjusters

Motoeized Stages

Light Sources & Laser Safety

Index

Guide

Lasers

Detectors

Laser Safety Equipments

Light Sources