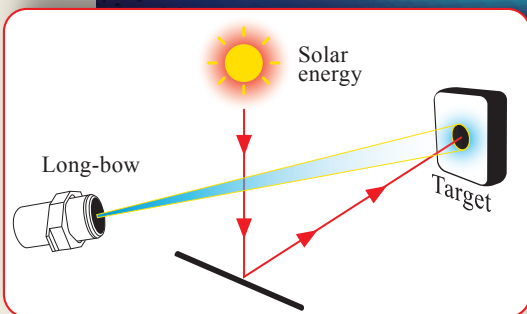
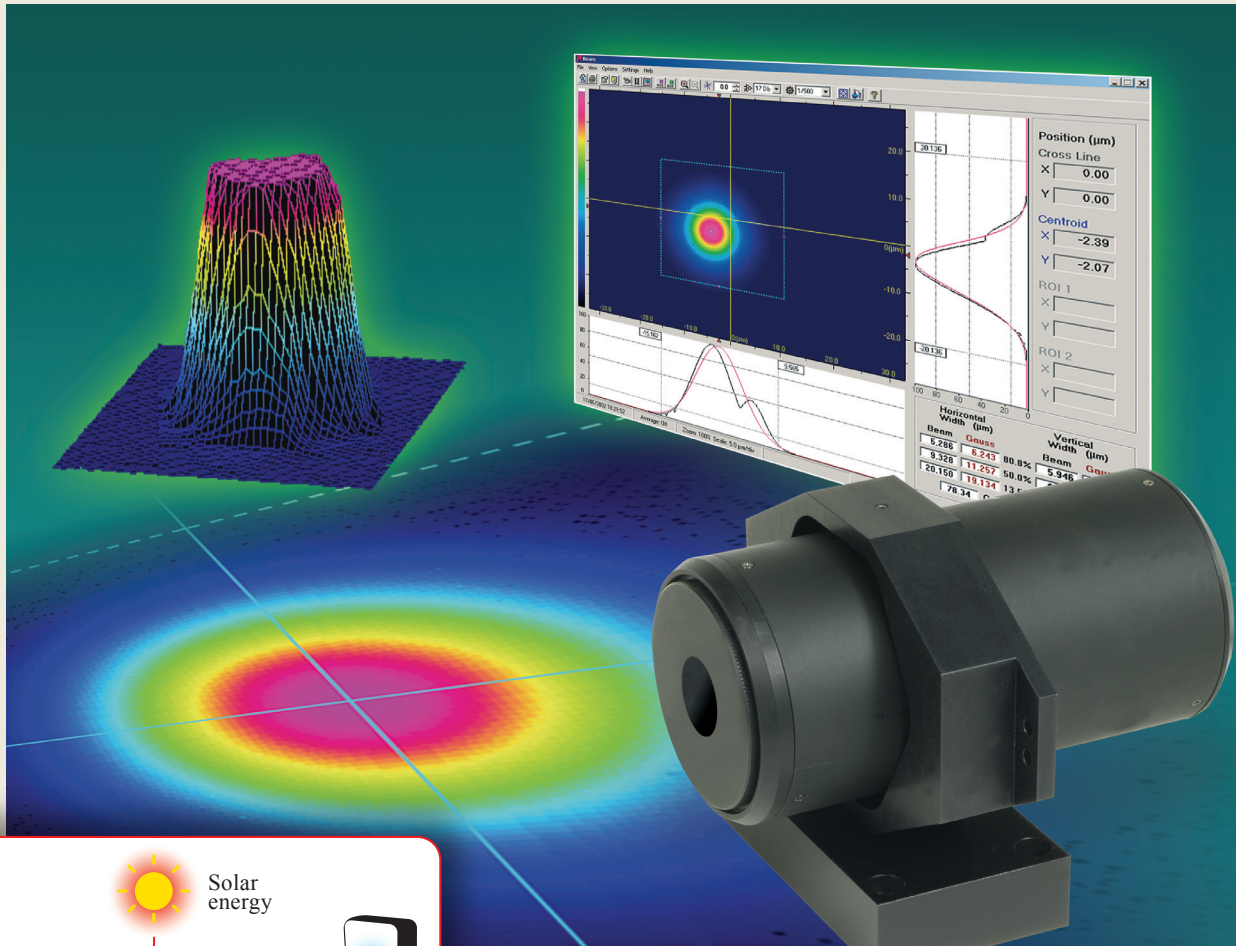


BeamOn Long Bow

Beam Profiling from remote



Features

- Measures large or small beams from remote
- Handles CW or pulsed beams
- Built-in user calibration function
- Motorized zooming function for optimal beam analysis
- AutoFocus function

Applications

- Solar energy measurements and analysis from remote (on target)
- Measurement of beam wondering
- Measurement of reflected beam profile from remote



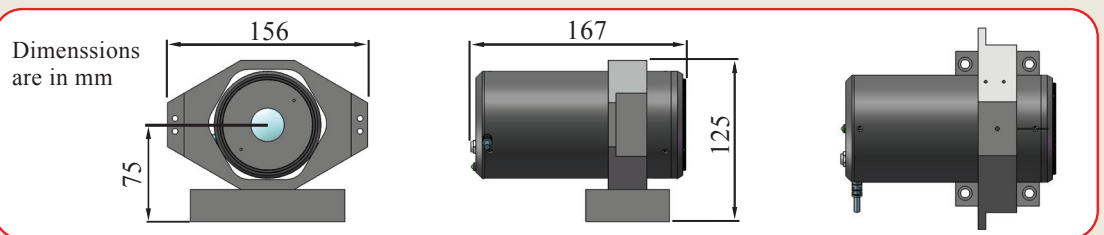
DUMA OPTRONICS LTD.

1st Hazait St., P.O.Box 3370 Neshar 20306, Israel Tel:972-4-8200577 Fax: 972-4-8204190
Website:<http://www.duma.co.il> E-mail:sales@duma.co.il

Specifications

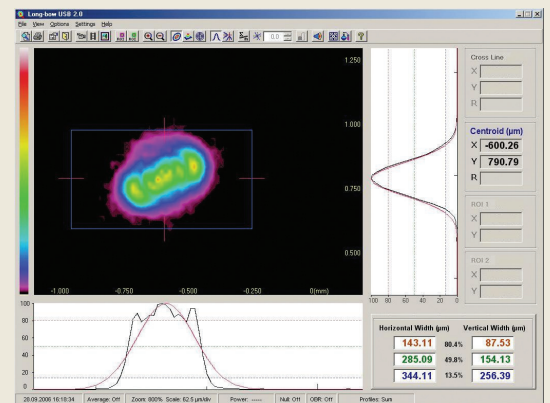
Camera type	CCD 1/4" format with approx. 470,000 effective pixels
Minimum work distance	320mm WIDE end, 1500mm TELE end
Electronic shutter	1 – 1/10000 sec, Software controllable
Angle of view (H)	57.8° WIDE end to 1.7° TELE end
Gain	0 – 28, Software controllable
Zoom ratio	X25 Optical, X2 Digital
Spectral range	350-1310nm
Signal to noise ratio	50 dB
Frame rate	25Hz
Interface	USB2.0
Weight	2.56 Kg

Mechanical Dimensions



Software features

- Real time beam measurements: beam size at 3 clip levels with Gaussian fit
- Real time 2D/3D beam image display
- Real time position measurements
- Data logging with detailed statistics
- Video with playback
- Save & view images, snapshot files
- Digital zooming
- Perform test analysis
- Measures CW or pulsed beams
- Built-in user calibration routine



Host computer requirements

Pentium IV 2 GHz, 10 MB Free HDD, 64MB 24 bit color VGA card, resolution 1024X768, 1 Free High Speed USB2.0 port, CD ROM any type, Windows XP/Vista/7 32 bit /64 bit

Ordering information

Model BeamOn LB : The system comes with a camera, a standard USB2.0 cable, a set of 3 optical filters 1/8 M37X0.75, power supply 12V DC, software on CD disk .

Optional accessories: Custom filters, consult factory.

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