

» SBUV

Imaging Radiometer



Distribution in the UK & Ireland



Lambda Photometrics Limited
Lambda House Batford Mill
Harpenden Herts AL5 5BZ
United Kingdom

E: info@lambdaphoto.co.uk

W: www.lambdaphoto.co.uk

T: +44 (0)1582 764334

F: +44 (0)1582 712084

CI's new SBUV imaging radiometer is the perfect tool for quantitatively measuring SBUV sources in the field. It measures SBUV phenomena in a very large dynamic range, high frame rates and high spatial resolution with excellent wavelength specificity. The imager is supplied with calibration curves that allow the user to accurately calibrate measurements, advanced measurement and analysis software and a rifle-scope for aid in aiming.

» FEATURES

- ▶ Operates in the SBUV waveband with no signal, above background, when pointed directly at the sun
- ▶ Very high sensitivity
- ▶ Very high dynamic range
- ▶ Choice of collecting optics
- ▶ Frame rate as high as 1000 Hz
- ▶ Comes complete with a set of 7 ND filters, 105 mm lenses, rifle-scope, lunchbox PC, calibration data and software
- ▶ Interfaces a standard tripod

» SBUV

Imaging Radiometer

» OPTIONS

- 28mm or 78 mm lenses

» SPECIFICATIONS

Item	Value	Comments
Wavelength range	245÷285 nm	
Out of band rejection	No signal when directly viewing the sun	
Spatial resolution	512 x 512	
Frame rate	up to 1000 FPS	
Lenses	105 mm f/4	Focus range from a few meters to infinity
Sensitivity	Will clearly measure a 30 Watt D2 lamp from 3 Km	See image, measured with Ozone level 28 ppb
Field of view	9.8 degrees	with 105 lenses
ND filters	0.1, 0.3, 0.5, 1.0, 2.0, 3.0, 4.0 OD	Included with system

» IMAGE OF 30 WATT D2 SOURCE AT 3Km DISTANCE

