

B1860-01, Eyepiece for SVGA AMOLED microdisplay

Data Sheet



Description

Beck Optronic Solutions offers a lightweight but rugged eyepiece, suitable for use in monocular or binocular systems. The module is well suited for weapon sights, thermal imagers, helmet/head mounted systems, medical, and training and simulation applications.



Specification

Operating waveband	450 nm to 650 nm
Object format and size	800 x 600 x 15 μ m, 12 mm x 9 mm
Field of view	3° +0.5/-0°
Focal length (for reference only)	24.25 mm
Eye relief	≥26 mm
Eye box (at 20 mm eye relief)	≥10 mm
Transmission	≥90 % average over 450 nm to 650 nm
Image uniformity (vignetting)	≥50 % (for a centred pupil)
Distortion	≤4 %
Resolution	≥40 lp/mm
Dioptre adjustment	≥+2D to -6D
Mass	40 g
Size	30 mm diameter, 30 mm long
Operating temperature range	-45°C to +55°C
Storage temperature range	-51°C to +65°C
Water resistance	IP67

About Beck Optronic Solutions

BOS has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, BOS delivers complex, integrated electro-optic systems for defence and commercial use across the electromagnetic spectrum from UV to LWIR.

For pricing or further information please contact us at:

t: +44 (0) 1442 255755 | f: +44 (0) 1442 210770 | e: info@beckoptronic.com | www.beckoptronic.com

Registered in England No 09072729 | VAT No GB 196 4396 58
Registered office: Focus 31 – West Wing, Mark Road, Hemel Hempstead, Hertfordshire HP2 7BW, UK



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