

15-330mm Extended Spectrum Visible & NIR Zoom Lens

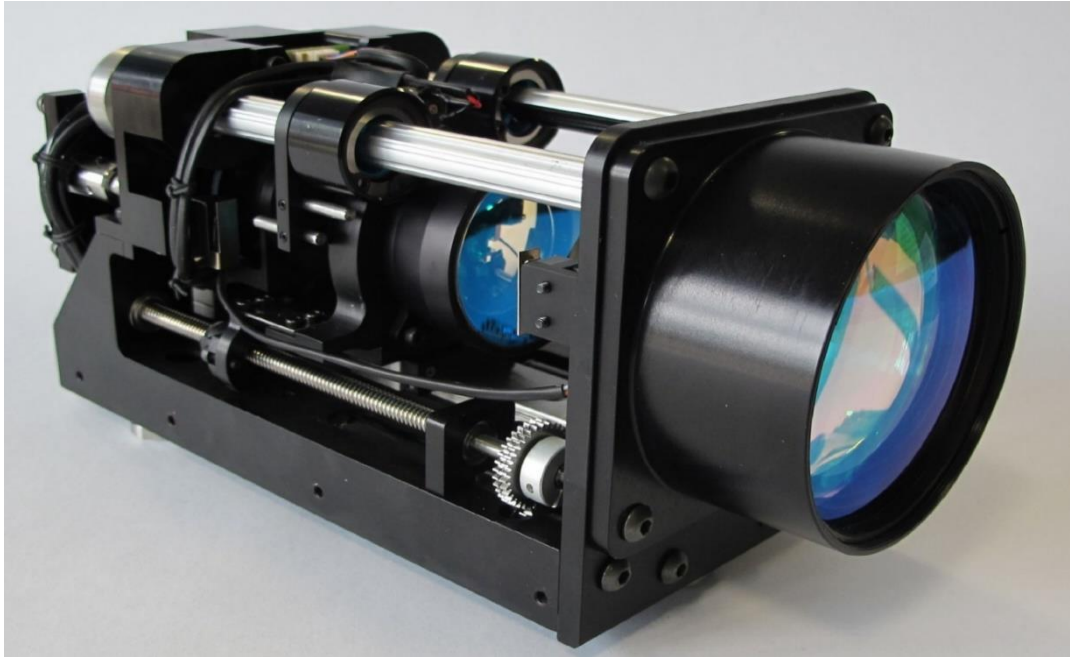
Data Sheet



Description

Beck Optronic Solutions offers a range of high performance ruggedized zoom lenses based on a common chassis and sharing the same control electronics. Applications include, but are not limited to, long range surveillance, border security and remote weapon stations.

This lens is designed to operate over the 400-1100nm waveband. The whole system is fully automated for remote control, is built to full Mil-SPEC and can be customised to meet specific requirements.



Specifications

Focal Length	15mm to 330mm
F/#	F/6
Image size	9mm diagonal
Spectral correction	400nm to 1.1 μ m
Field of view	18° at 20mm 0.8° at 330mm
Focus range	10m to infinity
Zoom speed	≤5 seconds 15mm to 330mm
Focus speed	≤5 seconds 10m to infinity
Boresight retention	≤+/-0.1mrad
Operating/storage temperature range	-40°C to +70°C
Mass	1.9kg
Working voltage	12V DC main board, 8V DC motors
Power requirements	0.75mA maximum
Vibration	Tracked vehicle, MIL-STD-810G, method 514.6
Shock	Transportation: 3 shocks in each direction, 25g@6ms
Dimensions	227mm x 75mm square
Lens mount	C mount
Control interface	RS-422/USB

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:

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