

# 20-500mm Visible Zoom Lens

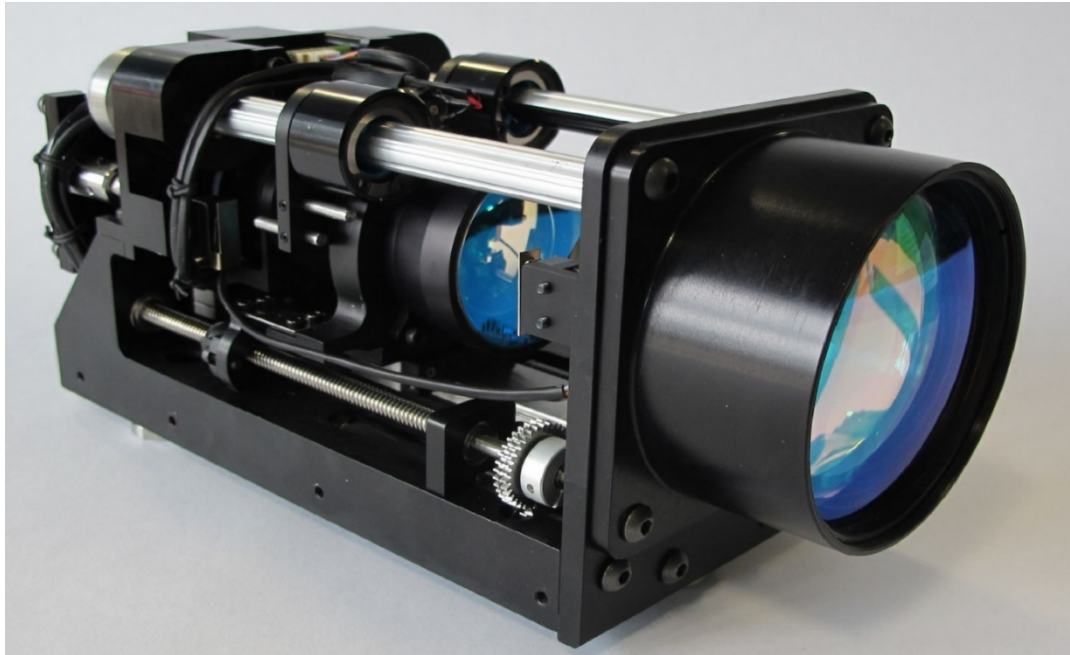
## Data Sheet



### 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 425nm-675nm 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	20mm to 500mm
F/#	F/7
Image size	12mm diagonal
Spectral correction	425nm to 675nm
Field of view	25° x 19° on 2/3" at 20mm 1° x 0.75° on 2/3" at 500mm
Focus range	50m to infinity
Zoom speed	≤5 seconds 20mm to 500mm
Focus speed	≤5 seconds 50m to infinity
Boresight retention	≤±/0.1mrad
Operating/storage temperature range	-40°C to +70°C
Mass	2.2kg
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	250mm x 80mm 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:

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



FM 623181