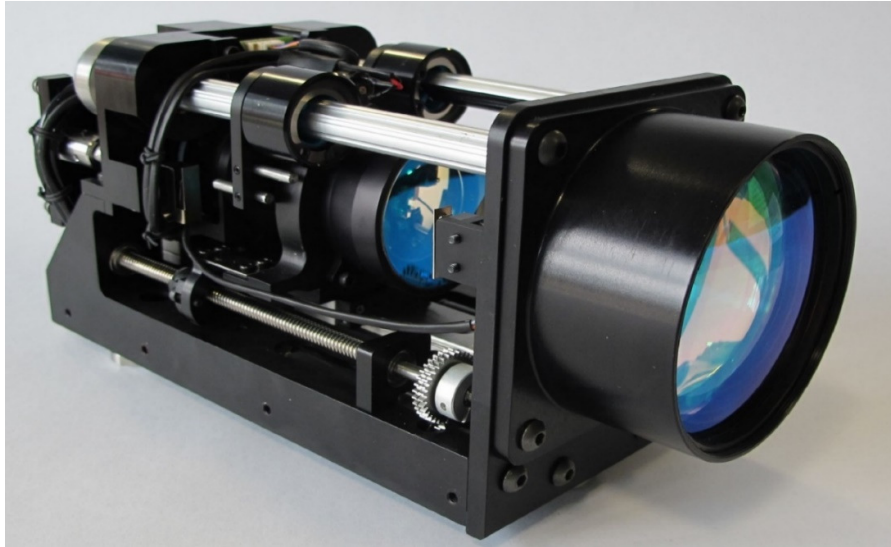


33-330 mm Extended Spectrum Zoom Lens Data Sheet

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.



Specification

| | |
|-------------------------------------|---|
| Focal Length | 33 mm to 330 mm |
| F/# | F/6 (constant through zoom range) |
| Image size | 9 mm diagonal |
| Spectral correction | 400 nm to 1.1 μ m |
| Field of view | 15.5° at 33 mm, 1.55° at 330 mm |
| Focus range | 10 m to infinity |
| Zoom speed | \leq 5 seconds 33 mm to 330 mm (increased at -15°C) |
| Focus speed | \leq 5 seconds 15 m to infinity |
| Boresight retention | \leq +/-0.1 mrad |
| Operating/storage temperature range | -20°C to +70°C |
| Mass | 1.9 kg |
| Working voltage | 12 V DC main board, 8V DC motors |
| Power requirements | 0.75 A maximum |
| Vibration | Tracked vehicle, MIL-STD-810G, method 514.6 |
| Shock | Transportation: 3 shocks in each direction, 25 g @ 6 ms |
| Dimensions | 227 mm x 109 mm x 86 mm |
| Camera mount | C mount |
| Control interface | RS-422/UART TTL/Pelco-D |

About Beck Optronic Solutions

Beck has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, Beck 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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