

# SupIR 30-385mm f/5.5, Motorized Continuous Zoom 680459



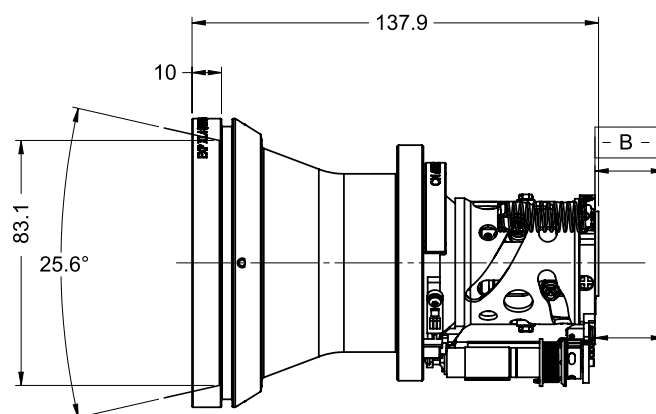
## WFOV(30mm)

|      |         |
|------|---------|
| HFOV | 640x512 |
| 15μ  | 18.6°   |

## NFOV(385mm)

|      |         |
|------|---------|
| HFOV | 640x512 |
| 15μ  | 1.4°    |

| Property                         | Value         |       |
|----------------------------------|---------------|-------|
| Optical                          | WFOV          | NFOV  |
| Focal Length                     | 30mm          | 385mm |
| F/#                              | 5.5           |       |
| Average Transmission (3.6-4.9μm) | 90% (HD)      |       |
| Cold Stop to FPA Distance        | 19.7mm        |       |
| Cold Stop CA                     | Ø3.52mm       |       |
| Back Focal Length                | 23.7mm in air |       |
| Minimum Focus Range              | 5m            | 70m   |
| Nuc (by defocus)                 | Yes           |       |
| Mechanical                       |               |       |
| Focus Mechanism                  | Motorized     |       |
| Focus Time (minimum range to ∞)  | ≤8 sec.       |       |
| Zoom Mechanism                   | Motorized     |       |
| Zoom Time (NFOV to WFOV)         | ≤5 sec.       |       |
| Weight                           | 801gr         |       |
| Max. Dimensions                  | Ø98X137.9mm   |       |



| Property               | Value  |
|------------------------|--|
| <b>Electrical</b>      |  |
| Lens Control           | Designated lens controller   |
| Supply Voltage         | 12V  |
| Current Consumption    | 0.5A average, 1.0A peak at T = -32°C;<br>0.2A average, 1.0A peak at T ≥ 20°C |
| Communication Protocol | RS485, RS422   |
| <b>Environmental</b>   |  |
| Operating Temperature  | -32°C to +70°C   |
| Storage Temperature    | -54°C to +85°C   |
| Sealing                | IP 67 front element only   |
| <b>Configurations</b>  |  |
| 680459-001             | HD   |
| 680459-002             | LRHC**   |
| 680459-004             | HC   |

\* NOTE: The ICD drawing provided here is primarily a representation and may not accurately reflect the product's actual dimensions and specifications. For precise integration specifications contact your local sales representative.

\*\* For detailed LRHC coating specifications see page 13