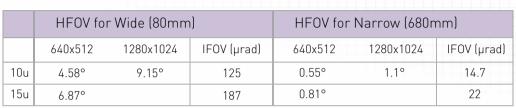
SWIR continuous zoom - Commercial off the shelf lens

^L→GUDVIN

SWIR 80–680mm F/7.0 Continuous zoom Lens for 1280 x 1024 x 10 μ HD detectors

FEATURES / APPLICATIONS / CAPABILITIES

- True SWIR zoom lens
- 180° double Folded, compact design
- High MTF performance zoom lens for SWIR detectors



PARAMETER	VALUE	NOTES
Main Sub		
© OPTICAL		
Focal Length / F#	80-680mm / F7.0	
Detector (FPA) type / size	Up to 1280x1024x10µ	
Working Spectral Range	0.6 -1.7μ	
☼ MECHANICAL		
Mechanical Back Focal Length	17.5mm	C-mount compatible
Focus / Zoom mechanism	Motorized	
Focus Range	10m / 100m – Infinity	For WOFV / NFOV accordingly
Through zoom boresight	< 0.15mm radius at focal plane	
NFOV boresight retention	< 0.045 mm radius at focal plane	
Total Weight	2.9Kg	
Ext. Dimensions L x W x H (mm)	264.5 x 110.5 x 170	Refer to MICD for detailed dimensions
₱ ELECTRICAL		
Power Input	12VDC, 1.0A	
Communication Protocol	RS-422/232 Full Duplex	
• ENVIRONMENTAL		
Operating / Storage Temperature	-25°C to +55°C / -40°C to +75°C	
Shock and Vibrations	Per applicable standard	
Front lens sealing	IP66	IP67 By request

^{*}All values are nominal: to within ±5%

