

# SupIR 15-60mm f/1.4, Motorized Continuous Zoom 680164



## WFOV(15mm)

HFOV	320x240	640x480
17 $\mu$	21.1°	44.2°
12 $\mu$	14.8°	30.2°

## NFOV(60mm)

HFOV	320x240	640x480
17 $\mu$	5.2°	10.4°
12 $\mu$	3.7°	7.3°

## Property

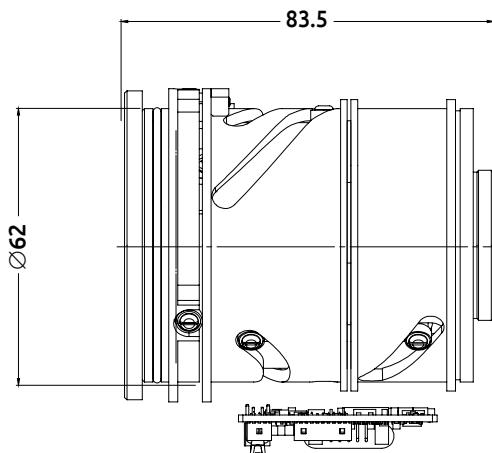
## Value

### Optical

	WFOV	NFOV
Focal Length	15mm	60mm
F#	1.4	
Average transmission (8-12 $\mu$ m)	90% (HD) / 85% (HC)	
Back Focal Length	$\geq$ 25mm in air	
Horizontal FOV	44.2°	10.4°
Minimum Focus Range	1m	2m
Nuc (by defocus)	Yes	

### Mechanical

Focus Mechanism	Motorized
Focus Time (minimum range to $\infty$ )	$\leq$ 4 sec.
Zoom Mechanism	Motorized
Zoom Time (NFOV to WFOV)	$\leq$ 4 sec.
Weight	500gr
Max. Dimensions	Ø62mm x 83.5mm



### Property

### Value

#### Electrical

Lens Control	Designated lens controller
Supply Voltage	12V
Current Consumption	0.2A average, 0.5A peak
Communication Protocol	RS422

#### Environmental

Operation Temperature	-30°C to +70°C
Storage Temperature	-45°C to +85°C
Sealing	IP 67 front element only

Configurations	Weight (gr)	Dimensions	BWD**	Interface	Coating
680164-001					HD
680164-002	500	Ø62mm x 83.5mm	9.7	M34x0.5	HC
680164-003					HE

\* 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.

\*\* The BWD value is calculated for a unique detector setup with varying sealing windows in terms of thickness and material. For more details, contact your local sales representative.