SupIR 26-105mm f/1.6, Motorized Continuous Zoom 680320



WFOV(26mm)

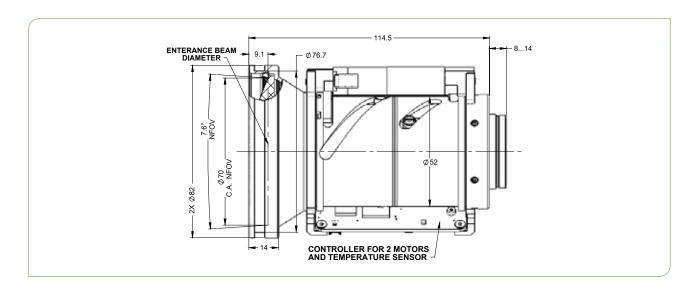
HFOV	160x120	320x240	384x288	640x480	1024x768
25μ	9.2°	18.5°	22.3°	38.0°	
17µ	6.2°	12.5°	15.0°	25.3°	
12µ	4.4°	8.8°	10.3°	17.7°	28.7°

NFOV(105mm)

HFOV	160x120	320x240	384x288	640x480	1024x768
25µ	2.2°	4.4°	5.2°	8.7°	
17µ	1.5°	3.0°	3.6°	5.9°	
12µ	1.0°	2.1°	2.5°	4.2°	6.7°

Property	Value			
Optical	WFOV	NFOV		
Focal Length	26mm	105mm		
F/#	1.6	1.6		
Average Transmission (8-12µm)	94% (HD)	94% (HD)		
Back Focal Length	37.735 mm in air	37.735 mm in air		
Distortion (in diagonal)	<3%	<0.3%		
Minimum Focus Range	15m	15m		
Nuc (by defocus)	Yes	Yes		
Mechanical				
Focus Mechanism	Motorized	Motorized		
Focus Time (minimum range to ∞)	≤5 sec.	≤5 sec.		
Zoom Mechanism	Motorized	Motorized		
Zoom Time (NFOV to WFOV)	≤8 sec.			
Weight	<575gr	<575gr		
Max. Dimensions	Ø82mm x 122.5mm	Ø82mm x 122.5mm		





Electrical Lens Control Designated lens controller Supply Voltage 12V Current Consumption <0.8A average, 1.5A peak Communication Protocol RS422 or RS232 Environmental -32°C to +70°C Storage Temperature -40°C to +80°C Sealing IP 67 front element only Configurations High Durability	Property	Value
Supply Voltage Current Consumption <0.8A average, 1.5A peak Communication Protocol RS422 or RS232 Environmental Operation Temperature -32°C to +70°C Storage Temperature -40°C to +80°C Sealing IP 67 front element only Configurations 680320-001 High Durability	Electrical	
Current Consumption Communication Protocol RS422 or RS232 Environmental Operation Temperature Storage Temperature Sealing IP 67 front element only Configurations 680320-001 High Durability	Lens Control	Designated lens controller
Communication Protocol RS422 or RS232 Environmental Operation Temperature -32°C to +70°C Storage Temperature -40°C to +80°C Sealing IP 67 front element only Configurations 680320-001 High Durability	Supply Voltage	12V
Environmental Operation Temperature -32°C to +70°C Storage Temperature -40°C to +80°C Sealing IP 67 front element only Configurations 680320-001 High Durability	Current Consumption	<0.8A average, 1.5A peak
Operation Temperature -32°C to +70°C -40°C to +80°C Sealing IP 67 front element only Configurations 680320-001 High Durability	Communication Protocol	RS422 or RS232
Storage Temperature -40°C to +80°C Sealing IP 67 front element only Configurations 680320-001 High Durability	Environmental	
Sealing IP 67 front element only Configurations 680320-001 High Durability	Operation Temperature	-32°C to +70°C
Configurations 680320-001 High Durability	Storage Temperature	-40°C to +80°C
680320-001 High Durability	Sealing	IP 67 front element only
	Configurations	
000000 000	680320-001	High Durability
680320-002 Hard Carbon	680320-002	Hard Carbon

 $^{{}^*\!\}mbox{Adapters}$ for different cameras are available upon request

