

Two Decades of Thermal Imaging Artistry, Illuminating the Invisible World

When you need to penetrate darkness, detect thermal nuances, and capture microscopic heat signatures, we understand—you seek not merely infrared lenses, but a visionary partner who deciphers industrial demands and anticipates technological evolution.

Twenty Years of Dedication, Forging Industry Leadership

As China's pioneering infrared optics innovator, Harmony Light Photonics (KIRO-HarmonyLT) has been advancing thermal imaging R&D since 2005. Our founders bring expertise from industry pioneers like KIRO and NORIR. With over 800,000 infrared optical modules delivered globally, we serve clients in security surveillance, medical diagnostics, industrial inspection, and autonomous driving. We continuously redefine 12 core technical benchmarks:

- ◉ Night vision range breakthroughs
 - ◉ Micro-temperature-difference imaging
 - ◉ Extreme environment resilience
-

Harmony Light Photonics Co., Ltd (KIRO-HarmonyLT)

A global leader in electro-optical technologies, specializing in R&D, design, and volume manufacturing of precision infrared lenses and optical systems. Driven by our mission to "Redefine the Boundaries of Infrared Imaging," we deliver cutting-edge solutions for defense, industrial, and commercial sectors.

Core Competencies

- Advanced IR lens design (MWIR/LWIR spectra coverage)
- High-volume production of ZnSe, ZnS, Si, and chalcogenide glass optics
- Customized optical system integration
- Anti-reflective coating technology & harsh-environment durability

Application Fields

Our solutions empower:

- ★ Thermal imaging systems
- ★ Night vision devices
- ★ Industrial process monitoring
- ★ Autonomous vehicle sensing systems
- ★ Medical diagnostics

Quality Commitment

- Class 100/10 cleanrooms ensuring batch-to-batch consistency
- Vertically integrated production with CNC machining, precision polishing, and thin-film coating

Innovation Engine

Ongoing breakthroughs in:

- ✓ High-resolution athermalized lenses
- ✓ Compact lightweight architectures
- ✓ Multi-spectral hybrid optical systems

From prototyping to mass production, we collaborate with global clients to create infrared solutions that transcend visible spectrum limitations.

Where Technology Meets Vision

When our dual-band lenses extend border surveillance ranges to 18km,
When our macro thermal modules achieve 0.03°C clinical detection accuracy,
We reaffirm infrared's ultimate purpose: expanding humanity's perceptual dimensions.

Let's Co-Create

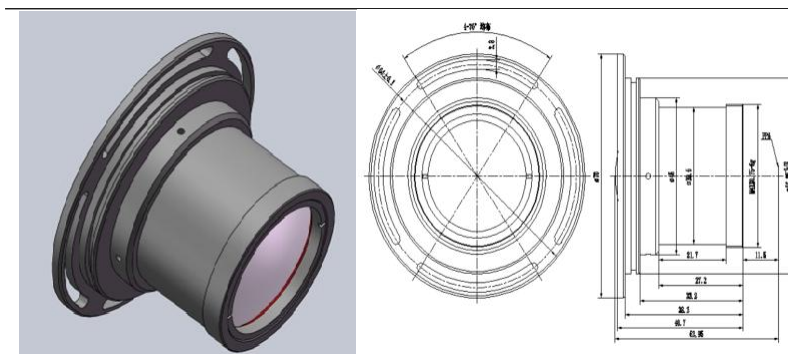
The next thermal landscape
Where invisibility becomes strategic advantage

PRODUCT CATALOG

	PAGE
Uncooled	3-31
Cooled	32-42
GAS Imaging	43-51

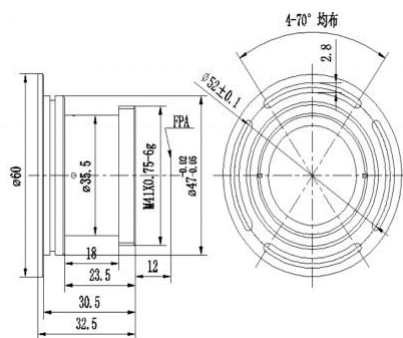
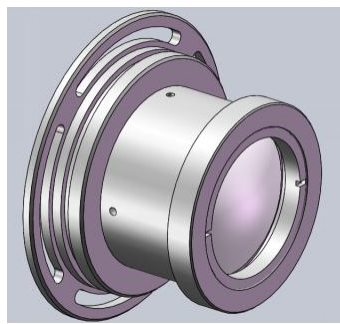
Uncooled

3.6mm



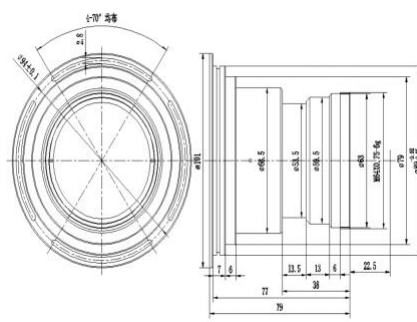
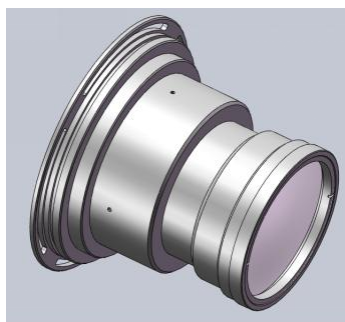
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	3.6mm
F/#	1.0
Average Transmission(8-12um)	> 83%
FOV	93.7°*80.96°
Mechanical	
Focus Mechanism	Athermalized
Focus Range	3m - ∞
Flange Focal Length	11.6mm
Weight	< 140g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	HD

6.3mm



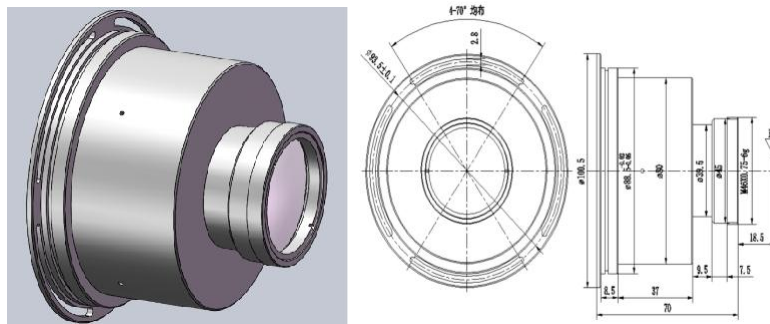
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	6.3mm
F/#	1.0
Average Transmission(8-12um)	> 83%
FOV	62.73°*51.99°
Mechanical	
Focus Mechanism	Athermalized
Focus Range	3m - ∞
Flange Focal Length	12mm
Weight	< 100g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	HD

11.3mm



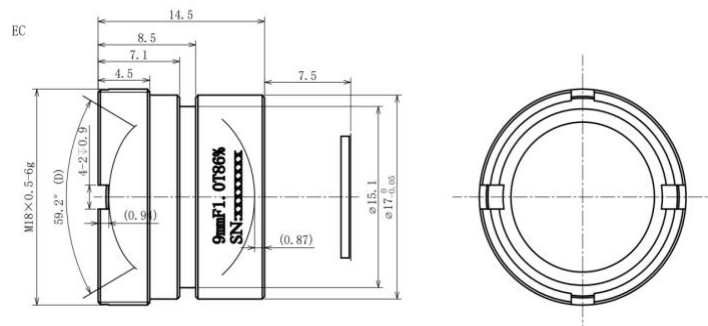
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	11.3mm
F/#	1.0
Average Transmission(8-12um)	> 83%
FOV	37.5°*30.4°
Mechanical	
Focus Mechanism	Athermalized
Focus Range	3m - ∞
Flange Focal Length	22.5mm
Weight	< 475g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	HD

15.3mm



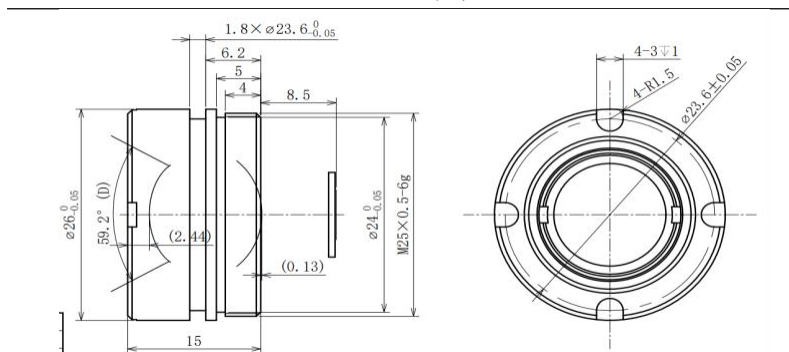
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	15.3mm
F/#	1.0
Average Transmission(8-12um)	> 83%
FOV	28.18°*22.7°
Mechanical	
Focus Mcchanism	Athermalized
Focus Range	3m- ∞
Flange Focal Length	22.5mm
Weight	< 430g
Environmental	
Operating Temperature	'-40°c to + 60°c
Sealing	IP67
External Coating	HD

9.1mm (1)



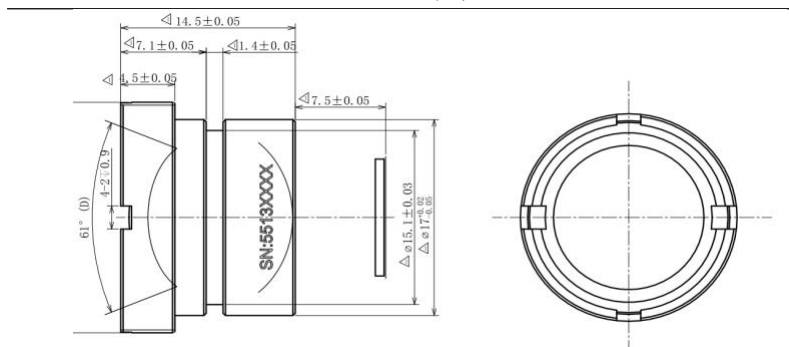
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	9mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	44.6°
Mechanical	
Focus Mechanism	Athermalized
Focus Range	3m - ∞
Flange Focal Length	7.5mm
Weight	< 12g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	AR

9.1mm (2)



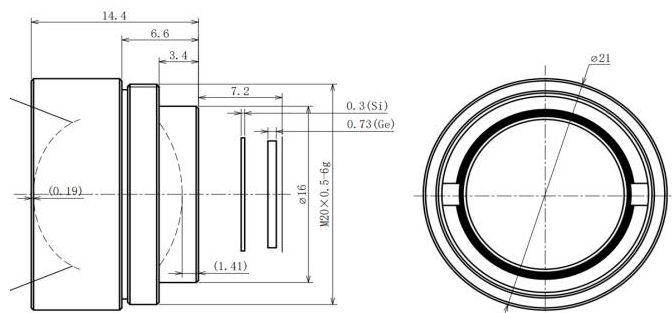
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	9mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	44.6°
Mechanical	
Focus Mechanism	Athermalized
Focus Range	3m- ∞
Flange Focal Length	7.5mm
Weight	< 12g
Environmental	
Operating Temperature	‘-40°c to + 60°c
Sealing	IP67
External Coating	AR

9.1mm (3)



Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	9mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	44.6°
Mechanical	
Focus Mechanism	Athermalized
Focus Range	3m - ∞
Flange Focal Length	7.5mm
Weight	< 10g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	AR

12mm



Property

Value

Optical

Sensor Type	640*512 12um
Focal Length	12mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	35.2°

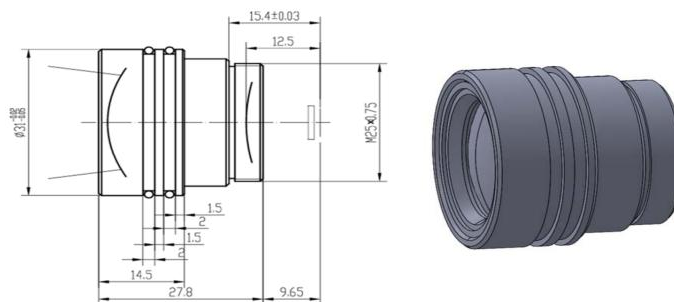
Mechanical

Focus Mechanism	Athermalized
Focus Range	3m - ∞
Flange Focal Length	7.2mm
Weight	/

Environmental

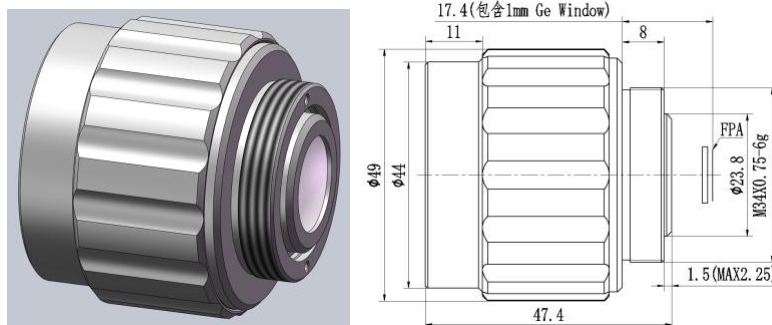
Operating Temperature	-20°C to +80°C
Sealing	IP67
External Coating	AR

19mm



Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	19mm
F/#	1.1
Average Transmission(8-12um)	> 90%
FOV	22.8°*17.2°
Mechanical	
Focus Mcchanism	Athermalized
Focus Range	3m- ∞
Flange Focal Length	9.65mm
Weight	/
Environmental	
Operating Temperature	‘-40°c to + 60°c
Sealing	IP67
External Coating	HD

35mm (1)



Property

Value

Optical

Sensor Type 640*512 12um

Focal Length 35mm

F/# 1.1

Average Transmission(8-12um) > 90%

FOV 12.5°*10°

Mechanical

Focus Mechanism Manual

Focus Range 3m - ∞

Flange Focal Length 17.4mm

Weight 小于 109g

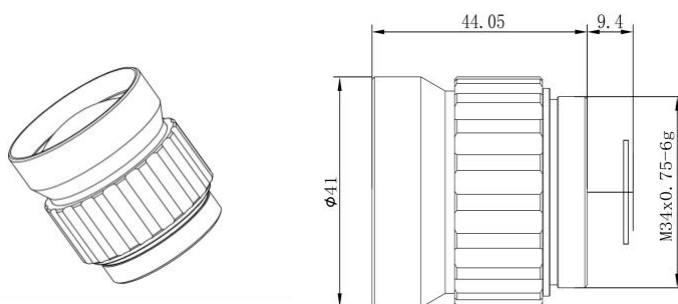
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67

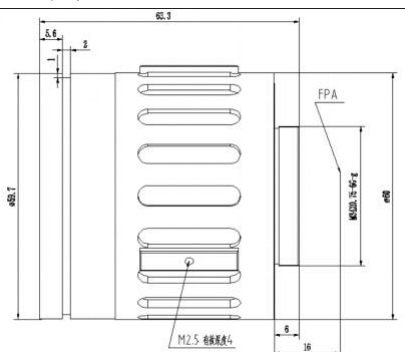
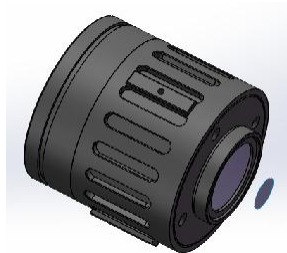
External Coating DLC

35mm (2)



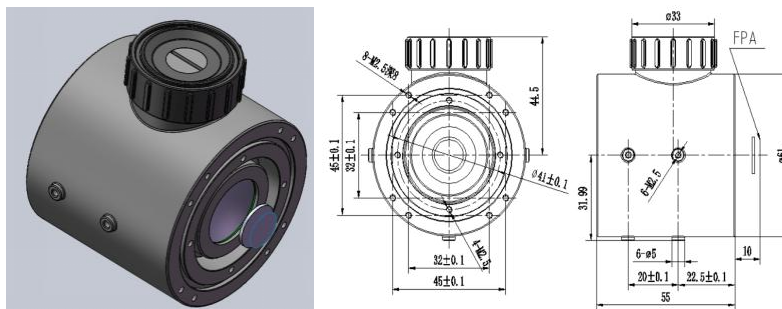
Property	Value
Optical	
Sensor Type	384*288 17um
Focal Length	35mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	10.7°*8°
Mechanical	
Focus Mechanism	Manual
Focus Range	5m - ∞
Flange Focal Length	9.4mm
Weight	< 109g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	HD

50mm (1)



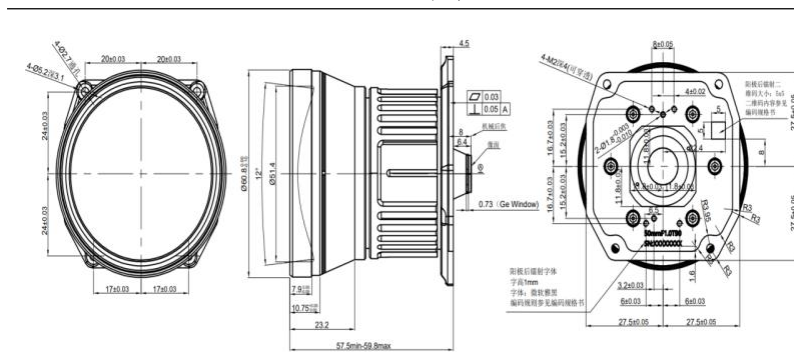
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	50mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	8.78°*7.03°
Mechanical	
Focus Mechanism	Manual
Focus Range	5m- ∞
Flange Focal Length	16mm
Weight	< 220g
Environmental	
Operating Temperature	‘-40°c to + 60°c
Sealing	IP67
External Coating	DLC

50mm (2)



Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	50mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	8.78°*7.03°
Mechanical	
Focus Mechanism	Manual
Focus Range	5m- ∞
Flange Focal Length	10mm
Weight	< 225g
Environmental	
Operating Temperature	‘-40°c to + 60°c
Sealing	IP67
External Coating	DLC

50mm (3)



Property

Value

Optical

Sensor Type	640*512 12um
Focal Length	50mm
F/#	1.0
Average Transmission(8-12um)	> 90%
FOV	8.78°*7.03°

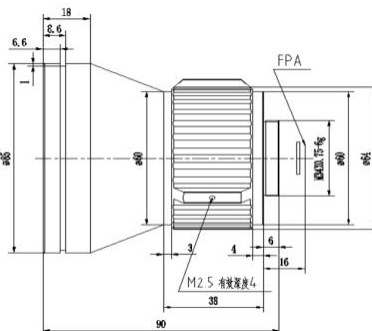
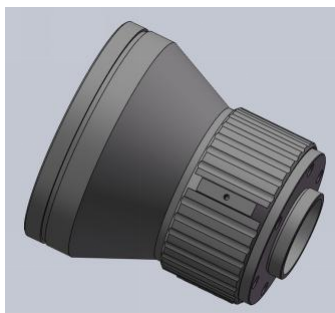
Mechanical

Focus Mechanism	Manual
Focus Range	5m - ∞
Flange Focal Length	8mm
Weight	< 225g

Environmental

Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	HD

75mm



Property

Value

Optical

Sensor Type 640*512 12um

Focal Length 75mm

F/# 1.0

Average Transmission(8-12um) > 90%

FOV 5.84°*4.69°

Mechanical

Focus Mechanism Manual

Focus Range 5m - ∞

Flange Focal Length 16mm

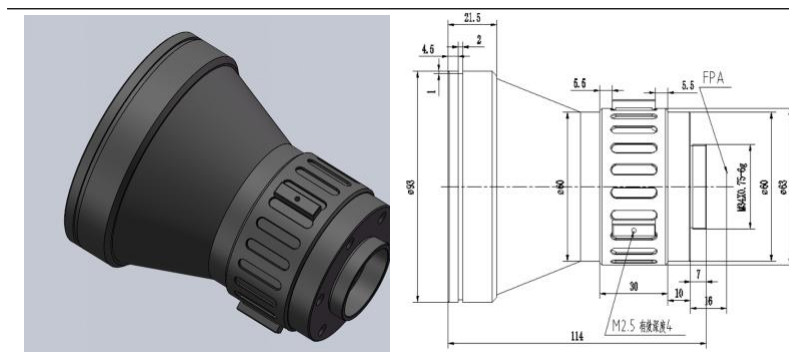
Weight < 380g

Environmental

Operating Temperature -40°C to +60°C

Sealing IP67

External Coating DLC

100mm


Property

Value

Optical

Sensor Type 640*512 12um

Focal Length 100mm

F/# 1.2

Average Transmission(8-12um) > 90%

FOV 4.4°*3.52°

Mechanical

Focus Mechanism Manual

Focus Range 5m - ∞

Flange Focal Length 16mm

Weight < 380g

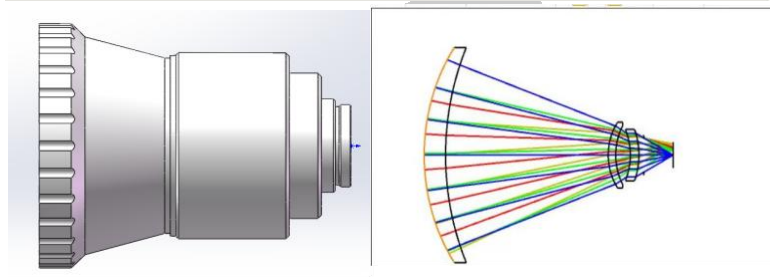
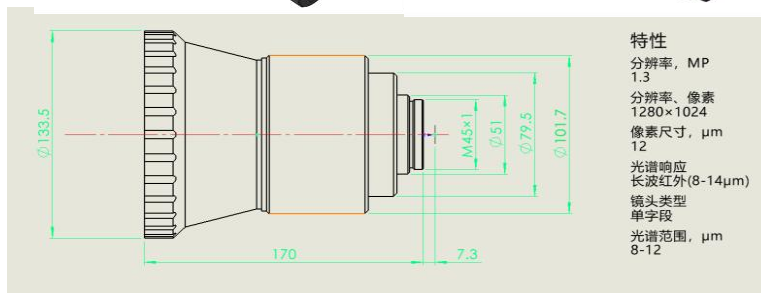
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67

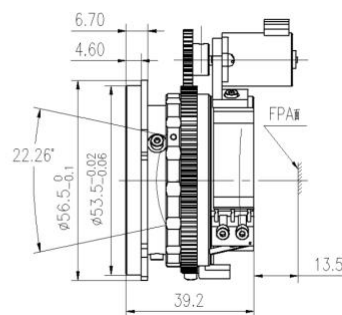
External Coating DLC

130mm



Property	Value
Optical	
Sensor Type	1280*1024 12um
Focal Length	100mm
F/#	1.13/最小入瞳 115mm
Average Transmission(8-12um)	> 90%
FOV	6.8°
Mechanical	
Focus Mechanism	Manual
Focus Range	5m - ∞
Flange Focal Length	7.3mm
Weight	< 1550g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67
External Coating	DLC

25mm 电调



Property

Value

Optical

Sensor Type 640*512 12um

Focal Length 25mm

F/# 1.0

Average Transmission(8-12um) > 90%

FOV 17.48°*14.01°

Mechanical

Focus Mechanism Motorized

Focus Range 1m - ∞

Flange Focal Length 13mm

Weight /

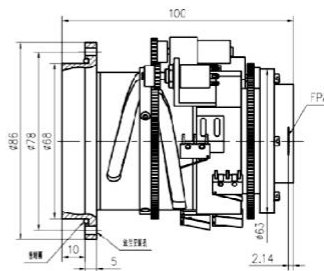
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

12-50mm



Property

Value

Optical

Sensor Type 640*512 12um

Focal Length 12-50mm

F/# 1.2

Average Transmission(8-12um) > 85%

FOV 35.49°*28.72°-8.78°*7.03°

Mechanical

Focus Mechanism Motorized

Focus Range 0.5m-∞@12mm 7m-∞@50mm

Flange Focal Length 2.14mm

Weight 570g

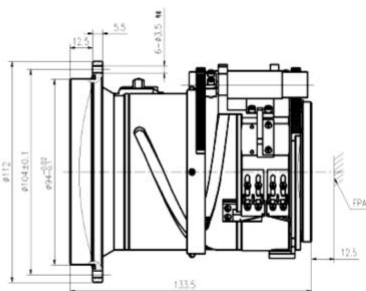
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

15-75mm



Property

Value

Optical

Sensor Type 1280*1024 10um

Focal Length 15-75mm

F/# 1.2

Average Transmission(8-12um) > 85%

FOV 46.21°*37.69°-9.75°*7.81°

Mechanical

Focus Mechanism Motorized

Focus Range 2m-∞@15mm 8m-∞@75mm

Flange Focal Length 12.5mm

Weight 1371g

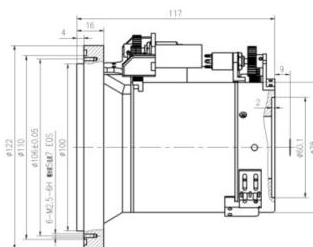
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

25-75mm



Property

Value

Optical

Sensor Type 640*512 12um

Focal Length 25-75mm

F/# 1.0

Average Transmission(8-12um) > 85%

FOV 17.46°*14.01°-5.86°*4.69°

Mechanical

Focus Mechanism Motorized

Focus Range 1m-∞@25mm 10m-∞@75mm

Flange Focal Length 9mm

Weight 1267g

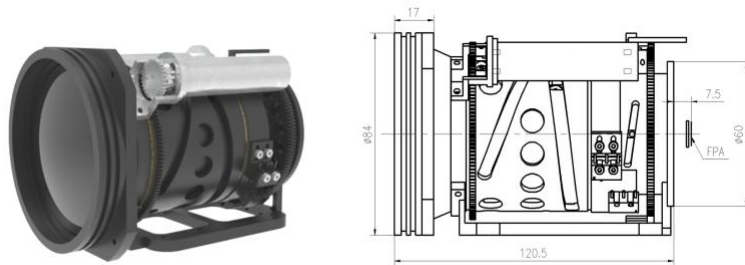
Environmental

Operating Temperature '-40°C to +60°C

Sealing IP67-front lens

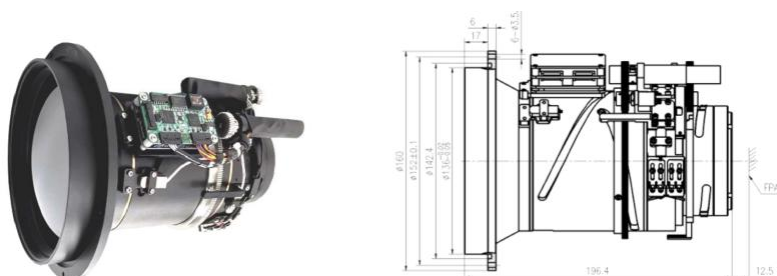
External Coating HD

25-75mm (2)



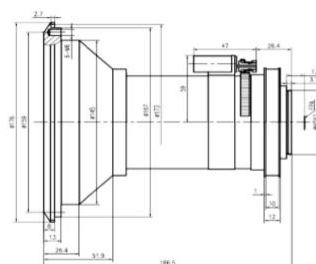
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	25-75mm
F/#	1.2
Average Transmission(8-12um)	> 85%
FOV	17.46°*14.01°-5.86°*4.69°
Mechanical	
Focus Mcchanism	Motorized
Focus Range	1m- ∞@25mm 7m- ∞@75mm
Flange Focal Length	7.5mm
Weight	1267g
Environmental	
Operating Temperature	'-40°c to + 60°c
Sealing	IP67-fornt lens
External Coating	HD

20-100mm



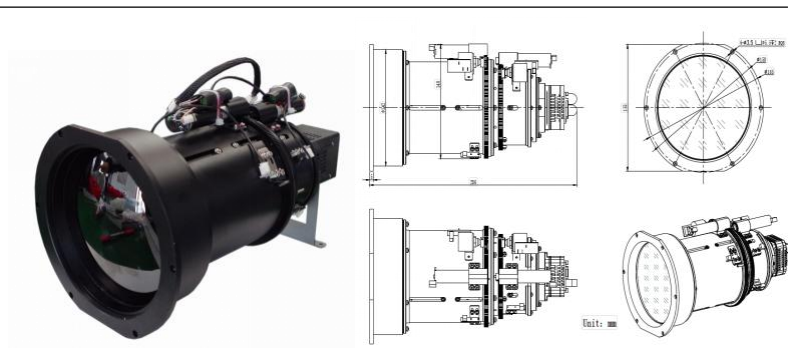
Property	Value
Optical	
Sensor Type	1280*1024 12um
Focal Length	25-75mm
F/#	1.0
Average Transmission(8-12um)	> 85%
FOV	42°*34.15°-8.78°*7.03°
Mechanical	
Focus Mechanism	Motorized
Focus Range	4m- ∞@20mm 10m- ∞@100mm
Flange Focal Length	12.5mm
Weight	2753g
Environmental	
Operating Temperature	-40°c to + 60°c
Sealing	IP67 -fornt lens
External Coating	HD

40-100mm



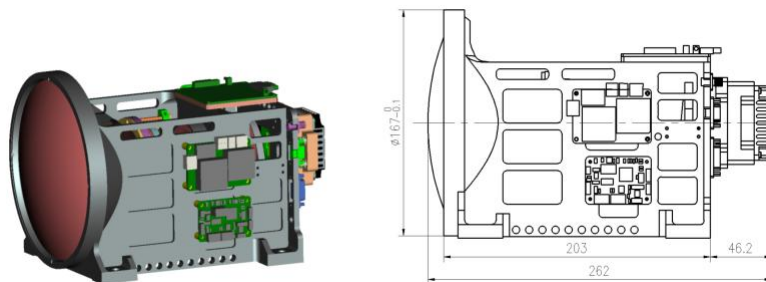
Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	40-100mm
F/#	1.0
Average Transmission(8-12um)	> 85%
FOV	11°*8.8°-4.4°*3.5°
Mechanical	
Focus Mechanism	Motorized
Focus Range	15m- ∞
Flange Focal Length	13.5mm
Weight	/
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67-front lens
External Coating	HD

30-150mm



Property	Value
Optical	
Sensor Type	640*512 12um
Focal Length	30-150mm
F/#	1.0-1.2
Average Transmission(8-12um)	> 90%
FOV	14.1°*11.3° - -2.8°*2.3°
Mechanical	
Focus Mechanism	Motorized
Focus Range	5m- ∞
Flange Focal Length	19mm
Weight	< 3000g
Environmental	
Operating Temperature	-40°c to + 60°c
Sealing	IP67
External Coating	DLC

50-180mm

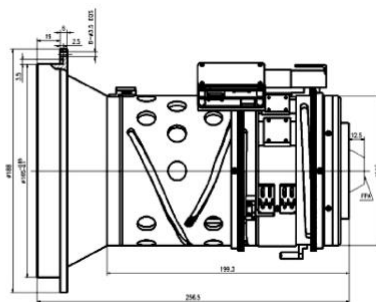


Property	Value
Optical	
Sensor Type	1280*1024 12um
Focal Length	40-100mm
F/#	1.05-1.25
Average Transmission(8-12um)	> 85%
FOV	17.46°*14°-4.89°*3.9°

Mechanical	
Focus Mechanism	Motorized
Focus Range	2m-∞@50mm 30m-∞180mm
Flange Focal Length	/
Weight	/

Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67-front lens
External Coating	HD

25-150mm

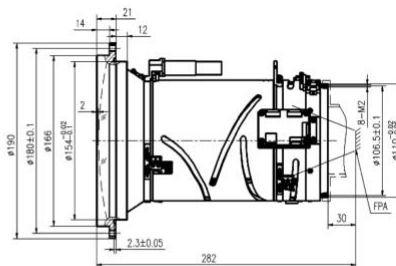


Property	Value
Optical	
Sensor Type	1280*1024 12um
Focal Length	25-150mm
F/#	1.0
Average Transmission(8-12um)	> 85%
FOV	11°*8.8°-4.4°*3.5°

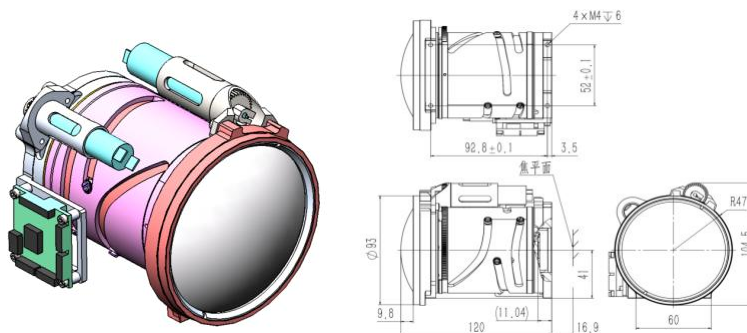
Mechanical	
Focus Mechanism	Motorized
Focus Range	2m- ∞@20mm 20m- ∞@150mm
Flange Focal Length	12.5mm
Weight	4103g

Environmental	
Operating Temperature	-40°C to + 60°C
Sealing	IP67-front lens
External Coating	HD

25-225mm

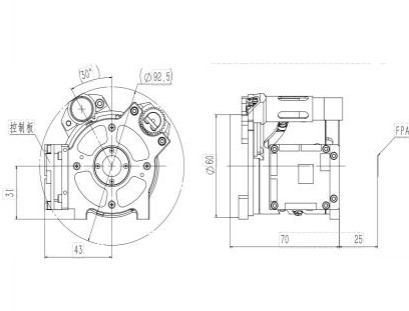
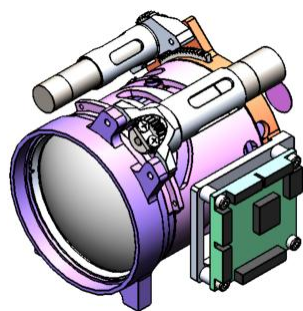


Property	Value
Optical	
Sensor Type	1280*1024 12um
Focal Length	25-225mm
F/#	1.09-1.5
Average Transmission(8-12um)	> 85%
FOV	34.15°*27.61°-3.91°*3.13°
Mechanical	
Focus Mechanism	Motorized
Focus Range	5m- ∞@25mm 50m- ∞@225mm
Flange Focal Length	30mm
Weight	4400g
Environmental	
Operating Temperature	-40°C to + 60°C
Sealing	IP67-front lens
External Coating	HD

Cooled
15-300mm


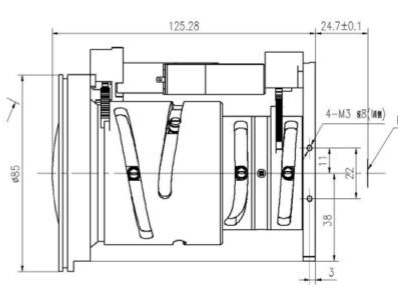
Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	15-300mm
F/#	4.0
Average Transmission(3.7-4.8um)	> 90%
FOV	35.5°*28.7° -- 1.83°*1.47°
Mechanical	
Focus Mechanism	Motorized
Focus Range	5m - ∞
Flange Focal Length	16.9mm
Weight	< 1010g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	/
External Coating	DLC

20-200mm



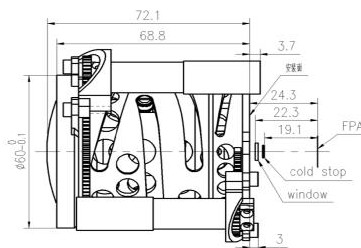
Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	15-300mm
F/#	4.0
Average Transmission(3.7-4.8um)	> 90%
FOV	27°*21.7° - -2.75°*2.2°
Mechanical	
Focus Mechanism	Motorized
Focus Range	5m - ∞
Flange Focal Length	25mm
Weight	< 400g
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	/
External Coating	DLC

40-200mm



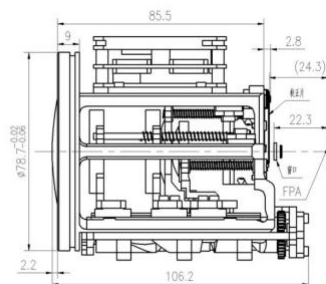
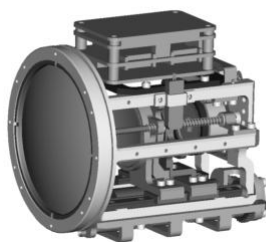
Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	40-200mm
F/#	3.0
Average Transmission(3.7-4.8um)	> 85%
FOV	13.69°*10.97°-2.75°*2.2°
Mechanical	
Focus Mechanism	Motorized
Focus Range	2m- ∞@40mm 20m- ∞@200mm
Flange Focal Length	37mm
Weight	\
Environmental	
Operating Temperature	-40°c to + 60°c
Sealing	IP67-fornt lens
External Coating	DLC

40-200mm (2)



Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	40-200mm
F/#	4.0
Average Transmission(3.7-4.8um)	> 85%
FOV	13.69°*10.97°-2.75°*2.2°
Mechanical	
Focus Mechanism	Motorized
Focus Range	2m-∞@40mm 20m-∞@200mm
Flange Focal Length	24.3mm
Weight	\
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67-front lens
External Coating	DLC

18-250mm



Property

Value

Optical

Sensor Type 640*512 15um

Focal Length 18-250mm

F/# 4.0

Average Transmission(3.7-4.8um) > 85%

FOV 29.9°*24.1°-2.2°*1.76°

Mechanical

Focus Mechanism Motorized

Focus Range 5m-∞@18mm 100m-∞@250mm

Flange Focal Length 24.3mm

Weight \

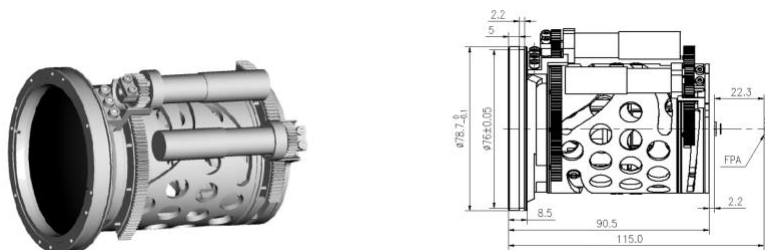
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating DLC

18-250mm(2)



Property

Value

Optical

Sensor Type 640*512 15um

Focal Length 18-250mm

F/# 4.0

Average Transmission(3.7-4.8um) > 85%

FOV 29.9°*24.1°-2.2°*1.76°

Mechanical

Focus Mechanism Motorized

Focus Range 5m-∞@18mm 100m-∞@250mm

Flange Focal Length 24.5mm

Weight \

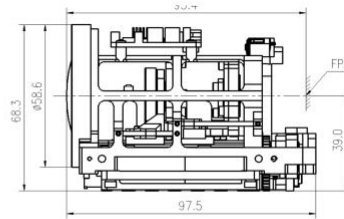
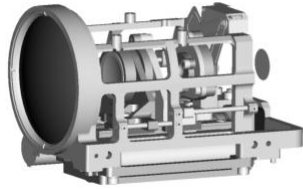
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating DLC

18-275mm

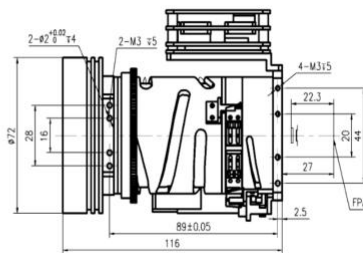


Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	18-275mm
F/#	5.5
Average Transmission(3.7-4.8um)	> 85%
FOV	29.8°*24.1°-2.°*1.6°

Mechanical	
Focus Mechanism	Motorized
Focus Range	2m- ∞@18mm 20m- ∞@270mm
Flange Focal Length	\
Weight	\

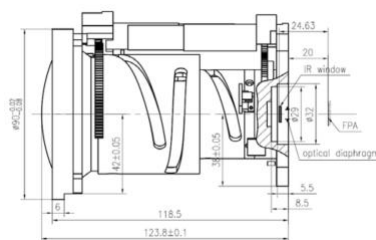
Environmental	
Operating Temperature	-40°C to + 60°C
Sealing	IP67-front lens
External Coating	DLC

30-240mm



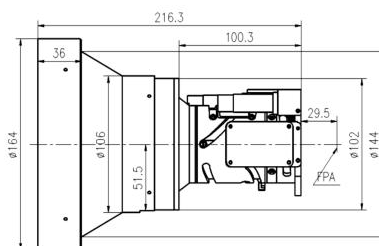
Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	30-240mm
F/#	4.0
Average Transmission(3.7-4.8um)	> 85%
FOV	18.8°*14.59°-2.33°*1.83°
Mechanical	
Focus Mechanism	Motorized
Focus Range	2m- ∞@30mm 15m- ∞@240mm
Flange Focal Length	27mm
Weight	\
Environmental	
Operating Temperature	-40°c to + 60°c
Sealing	IP67-fornt lens
External Coating	DLC

30-300mm



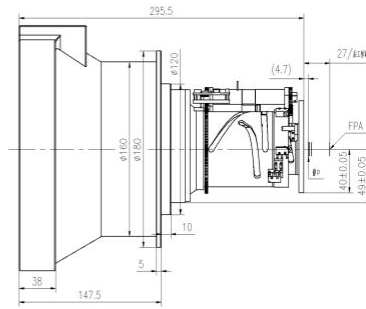
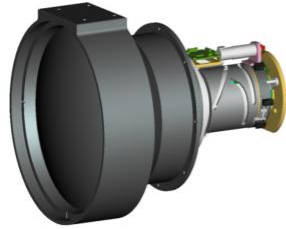
Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	30-300mm
F/#	4.0
Average Transmission(3.7-4.8um)	> 85%
FOV	18.2°*14.6°-1.8°*1.5°
Mechanical	
Focus Mechanism	Motorized
Focus Range	5m- ∞@30mm 50m- ∞@300mm
Flange Focal Length	30mm
Weight	\
Environmental	
Operating Temperature	-40°c to + 60°c
Sealing	IP67-fornt lens
External Coating	DLC

30-600mm



Property	Value
Optical	
Sensor Type	640*512 15um
Focal Length	30-600mm
F/#	4.0
Average Transmission(3.7-4.8um)	> 85%
FOV	18.2°*14.6°-0.92°*0.73°
Mechanical	
Focus Mechanism	Motorized
Focus Range	5m- ∞@30mm 50m- ∞@300mm
Flange Focal Length	29.5mm
Weight	2257g
Environmental	
Operating Temperature	-40°c to + 60°c
Sealing	IP67-fornt lens
External Coating	DLC

80-1100mm



Property

Value

Optical

Sensor Type 640*512 15um

Focal Length 30-600mm

F/# 5.5

Average Transmission(3.7-4.8um) > 85%

FOV 6.24°*5°-0.5°*0.4°

Mechanical

Focus Mechanism Motorized

Focus Range 20m- ∞@88mm 200m- ∞@1100mm

Flange Focal Length 29.5mm

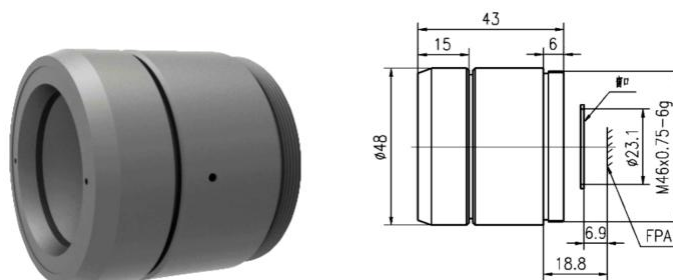
Weight \

Environmental

Operating Temperature -40°C to +60°C

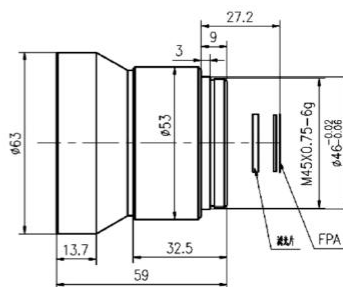
Sealing IP67-front lens

External Coating DLC

GAS Imaging
18mm


Property	Value
Optical	
Sensor Type	384*288 25um
Focal Length	18mm
F/#	0.8
Average Transmission(6-8.5um)	> 90%
FOV	29.8°*22.6°
Mechanical	
Focus Mechanism	Manual
Focus Range	0.5m- ∞
Flange Focal Length	18.8mm
Weight	\
Environmental	
Operating Temperature	'-40°C to + 60°C
Sealing	IP67 -fornt lens
External Coating	HD

25mm



Property

Value

Optical

Sensor Type 640*512 25um

Focal Length 25mm

F/# 0.8

Average Transmission(6.8-12um) > 88%

FOV 35.5°*28.7°

Mechanical

Focus Mechanism Manual

Focus Range 0.5m - ∞

Flange Focal Length 27.2mm

Weight \

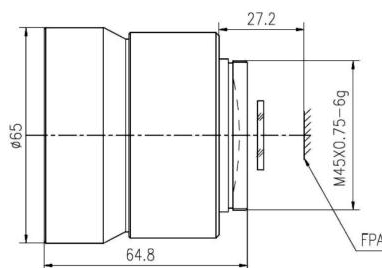
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

40mm



Property

Value

Optical

Sensor Type 640*512 17um

Focal Length 40mm

F/# 0.9

Average Transmission(6.5-12um) > 88%

FOV 15.49°*12.4°

Mechanical

Focus Mechanism Athermalized

Focus Range 2m - ∞

Flange Focal Length 27.2mm

Weight \

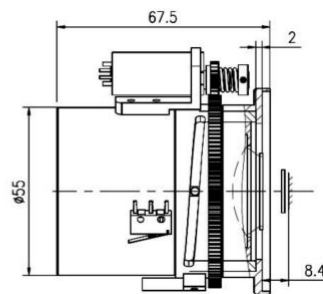
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

40mm (2)



Property

Value

Optical

Sensor Type 384*288 25um

Focal Length 40mm

F/# 0.9

Average Transmission(6.5-12um) > 88%

FOV 13.69°*10.29°

Mechanical

Focus Mechanism Motorized

Focus Range 5m - ∞

Flange Focal Length 8.4mm

Weight \

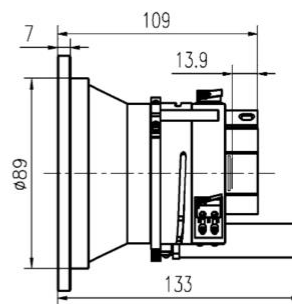
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

60mm



Property

Value

Optical

Sensor Type 640*512 17um

Focal Length 60mm

F/# 0.8

Average Transmission(6.5-12um) > 90%

FOV 10.36°*8.3°

Mechanical

Focus Mechanism Motorized

Focus Range 10m- ∞

Flange Focal Length 13.9mm

Weight \

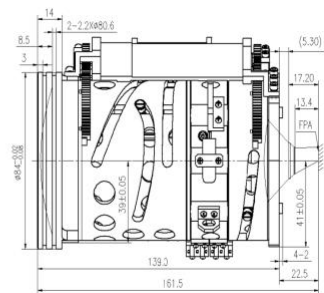
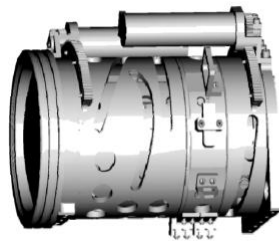
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

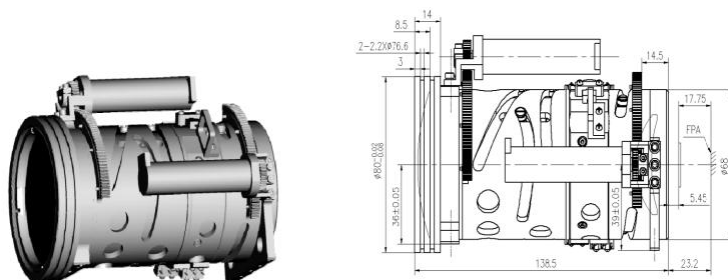
External Coating HD

25-75mm



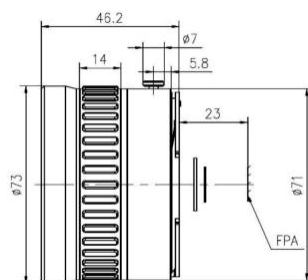
Property	Value
Optical	
Sensor Type	320*256 30um
Focal Length	25-75mm
F/#	1.2
Average Transmission(8-8.6um)	> 83%
FOV	21.74°*17.46°-7.32°*5.86°
Mechanical	
Focus Mechanism	Motorized
Focus Range	4m- ∞@25mm 8m- ∞@75mm
Flange Focal Length	20.5mm
Weight	\
Environmental	
Operating Temperature	-40°C to +60°C
Sealing	IP67-front lens
External Coating	HD

30-75mm



Property	Value
Optical	
Sensor Type	320*256 30um
Focal Length	30-75mm
F/#	1.2
Average Transmission(4.5-4.67um)	> 83%
FOV	18.2°*14.6°-7.3°*5.9°
Mechanical	
Focus Mcchanism	Motorized
Focus Range	4m-∞@30mm 6m-∞@75mm
Flange Focal Length	23.2mm
Weight	\
Environmental	
Operating Temperature	‘-40℃ to + 60℃
Sealing	IP67-fornt lens
External Coating	HD

23mm



Property

Value

Optical

Sensor Type 320*240 30um

Focal Length 23mm

F/# 1.2

Average Transmission(3-4um) > 93%

FOV 23.58°*18.96°

Mechanical

Focus Mechanism Manual

Focus Range 2m-∞

Flange Focal Length 23mm

Weight \

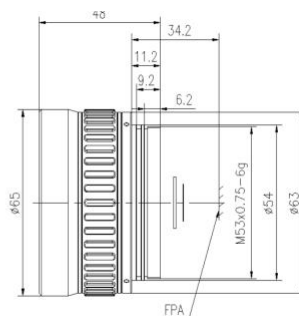
Environmental

Operating Temperature -40°C to +60°C

Sealing IP67-front lens

External Coating HD

30mm



Property

Value

Optical

Sensor Type 320*256 30um

Focal Length 30mm

F/# 1.2

Average Transmission(3-4um) > 93%

FOV 18.18°*14.16°

Mechanical

Focus Mechanism Manual

Focus Range 5m- ∞

Flange Focal Length 23mm

Weight \

Environmental

Operating Temperature -40°C to + 60°C

Sealing IP67-front lens

External Coating HD