



For FA/Machine Vision Fixed Focal

HF9HA-1B

Applicable camera (model)



FIXED
Fixed Focal

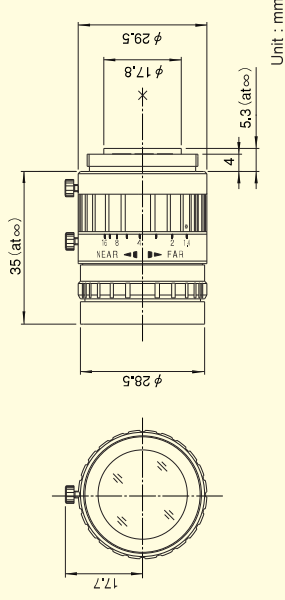
1.5 Mega
For Megapixel Camera

MANUAL
Manual Iris

C-mt
C Mount

METAL
Metal Mount

- Design achieving the high resolution, supporting up to 1.5 mega pixel cameras
- Designed for low distortion, enabling faithful image input
- Compact, lightweight and robust design, supporting various systems
- Focus & iris lock tab provided, supporting environments such as vibration



Focal Length (mm)	9	
Iris Range	F1.4 ~ F16	
Operation	Focus	Manual
	Iris	Manual
	2/3"	52°06' X 40°16'
	1/2"	39°09' X 29°52'
Angle Of View (H×V)	1/3"	29°52' X 22°37'
Focusing Range (From Front Of The Lens) (m)	∞ ~ 0.1	
Object Dimensions at M.O.D. (H×V) (mm)	2/3"	108 X 81
	1/2"	79 X 59
	1/3"	59 X 44
Back Focal Distance (in air) (mm)	13.48	
Exit Pupil Position (From Image Plane) (mm)	-27.9	
Filter Thread (mm)	M27 X 0.5	
Mount	C	
Mass (g)	55	

Remarks

- With Metal Mount
- With Locking Knob for Iris and Focus

FUJINON CCTV LENS

G-1



For FA/Machine Vision
Fixed Focal

HF12.5HA-1B

Applicable camera (model)



FIXED
Fixed Focal

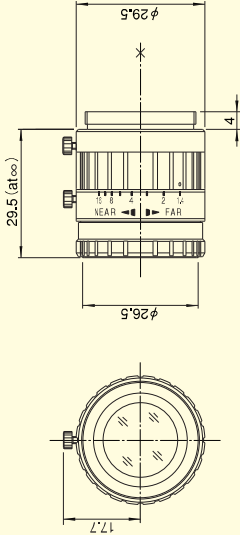
1.5 Mega
For Megapixel Camera

MANUAL
Manual Iris

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Unit : mm

FIXED FOCAL LENGTH LENSES

Focal Length (mm)		12.5		Remarks • With Metal Mount • With Locking Knob for Iris and Focus
Iris Range		F1.4 ~ F16		
Operation	Focus	Manual		
	Iris	Manual		
Angle Of View (H×V)	2/3"	38°47' × 29°35'		
	1/2"	28°43' × 21°44'		
	1/3"	21°44' × 16°23'		
Focusing Range (From Front Of The Lens) (m)		∞ ~ 0.1		
Object Dimensions at M.O.D. (H×V) (mm)	2/3"	78 × 58		
	1/2"	57 × 42		
	1/3"	42 × 32		
Back Focal Distance (in air) (mm)		15.09		
Exit Pupil Position (From Image Plane) (mm)		−31.3		
Filter Thread (mm)		M25.5 × 0.5		
Mount		C		
Mass (g)		45		



For FA/Machine Vision
Fixed Focal

HF16HA-1B

Applicable camera (model)



FIXED
Fixed Focal

1.5 Mega
For Megapixel Camera

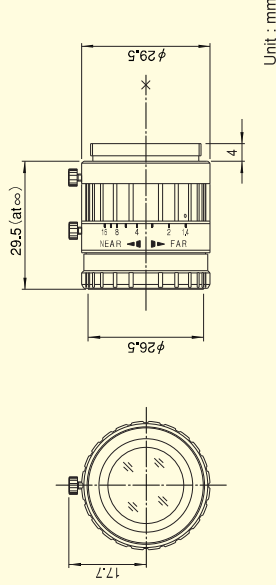
MANUAL
Manual Iris

C-mt
C Mount

METAL
Metal Mount



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Focal Length (mm)	16	
Iris Range	F1.4 ~ F16	
Operation	Focus	Manual
	Iris	Manual
	2/3"	30°45' X 23°18'
	1/2"	22°37' X 17°04'
Angle Of View (H×V)	1/3"	17°04' X 12°50'
Focusing Range (From Front Of The Lens) (m)	$\infty \sim 0.1$	
Object Dimensions at M.O.D. (H×V) (mm)	2/3"	63 X 47
	1/2"	46 X 34
	1/3"	34 X 26
Back Focal Distance (in air) (mm)	15.15	
Exit Pupil Position (From Image Plane) (mm)	-30.9	
Filter Thread (mm)	M25.5 X 0.5	
Mount	C	
Mass (g)	45	

- Remarks
- With Metal Mount
 - With Locking Knob for Iris and Focus

G-2

FUJINON CCTV LENS



For FA/Machine Vision
Fixed Focal

Applicable camera (model)



HF25HA-1B

FIXED
Fixed Focal

1.5 Mega
For Megapixel Camera

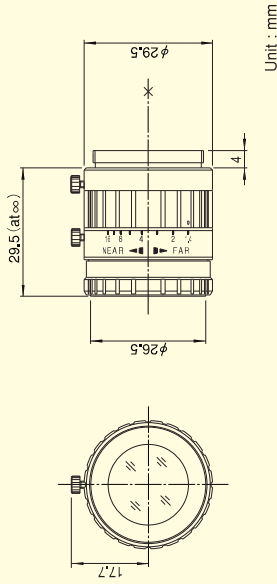
MANUAL
Manual Iris

C-mt
C Mount

METAL
Metal Mount



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FIXED FOCAL LENGTH LENSES

Focal Length (mm)		25
Iris Range		F1.4 ~ F22
Operation	Focus	Manual
	Iris	Manual
Angle Of View (H×V)	2/3"	19°58' × 15°02'
	1/2"	14°35' × 10°58'
	1/3"	10°58' × 8°14'
Focusing Range (From Front Of The Lens) (m)		∞ ~ 0.15
Object Dimensions at M.O.D. (H×V) (mm)	2/3"	53 × 40
	1/2"	38 × 29
	1/3"	29 × 22
Back Focal Distance (in air) (mm)		14.58
Exit Pupil Position (From Image Plane) (mm)		—32.4
Filter Thread (mm)		M25.5 × 0.5
Mount		C
Mass (g)		45



For FA/Machine Vision
Fixed Focal

Applicable camera (model)



FIXED
Fixed Focal

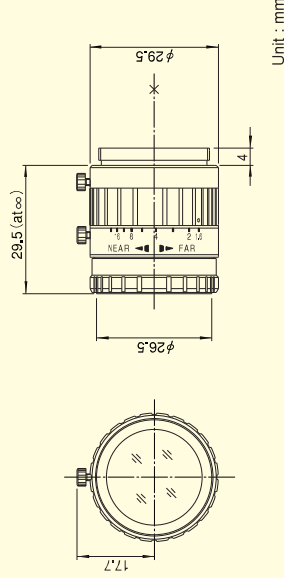
1.5 Mega
For Megapixel
Camera

MANUAL
Manual Iris

C-mt
C Mount

METAL
Metal Mount

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Focal Length (mm)		35
Iris Range		F1.6 ~ F22
Operation	Focus	Manual
	Iris	Manual
	2/3"	14°20' X 10°46'
	1/2"	10°27' X 7°51'
Angle Of View (H×V)	1/3"	7°51' X 5°53'
		∞ ~ 0.25
		59 X 44
		43 X 32
Object Dimensions at M.O.D. (H×V) (mm)		32 X 24
		15.03
		-26.6
		M25.5 X 0.5
Exit Pupil Position (From Image Plane) (mm)		C
Filter Thread (mm)		
Mount		
Mass (g)		45

Remarks

- With Metal Mount
- With Locking Knob for Iris and Focus

FUJINON CCTV LENS

G-3



For FA/Machine Vision Fixed Focal

HF50HA-1B

Applicable camera (model)



FIXED
Fixed Focal

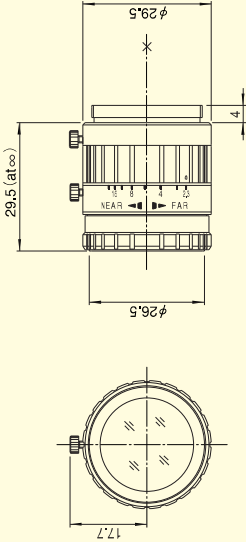
1.5 Mega
For Megapixel Camera

MANUAL
Manual Iris

C-mt
C Mount

METAL
Metal Mount

- Designed for high resolution, supporting 1.5 mega pixel cameras
- Designed for low distortion, enabling faithful image input
- Compact, lightweight and robust design, supporting various systems
- Focus & iris lock tab provided, supporting environments such as vibration



Unit : mm

FIXED FOCAL LENGTH LENSES

Focal Length (mm)		50
Iris Range		F2.3 ~ F22
Operation	Focus	Manual
	Iris	Manual
	2/3"	10°03' X 7°33'
	1/2"	7°19' X 5°30'
Angle Of View (H×V)	1/3"	5°30' X 4°07'
	Focusing Range (From Front Of The Lens) (m)	∞ ~ 0.5
	Object Dimensions at M.O.D. (H×V) (mm)	77 X 57
	Back Focal Distance (in air) (mm)	56 X 42
Exit Pupil Position (From Image Plane) (mm)	Filter Thread (mm)	42 X 31
	Mount	15.26
	Mass (g)	-25.1
		M25.5 X 0.5
Filter Thread (mm)	Mount	C
	Mass (g)	45

Remarks

- With Metal Mount
- With Locking Knob for Iris and Focus



For FA/Machine Vision Fixed Focal

Applicable camera (model)



FIXED
Fixed Focal

1.5 Mega
For Megapixel
Camera

MANUAL
Manual Iris

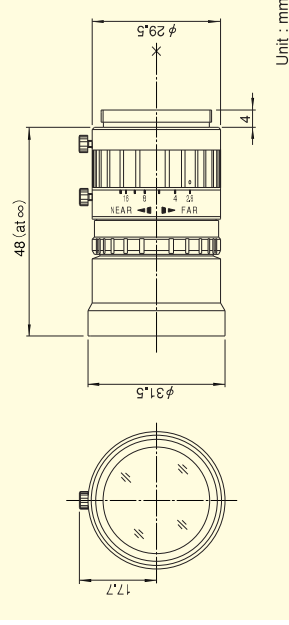
C-mt
C Mount

METAL
Metal Mount

- Design achieving the high resolution, supporting up to 1.5 mega pixel cameras
- Designed for low distortion, enabling faithful image input
- Compact, lightweight and robust design, supporting various systems
- Focus & iris lock tab provided, supporting environments such as vibration



*Photograph is a similar model.



Focal Length (mm)		75
Iris Range		F2.8 ~ F22
Operation	Focus	Manual
	Iris	Manual
	2/3"	6°43' X 5°02'
	1/2"	4°53' X 3°40'
Angle Of View (H×V)	1/3"	3°40' X 2°45'
		∞ ~ 1.1
Focusing Range (From Front Of The Lens) (m)		
Object Dimensions at M.O.D. (H×V) (mm)	2/3"	114 X 85
	1/2"	83 X 62
	1/3"	62 X 47
Back Focal Distance (in air) (mm)		15.74
Exit Pupil Position (From Image Plane) (mm)		-26.6
Filter Thread (mm)		M30.5 X 0.5
Mount		C
Mass (g)		55

Remarks

- With Metal Mount
- With Locking Knob for Iris and Focus

G-4

FUJINON CCTV LENS



For Security
Fixed Focal

YF16A-2

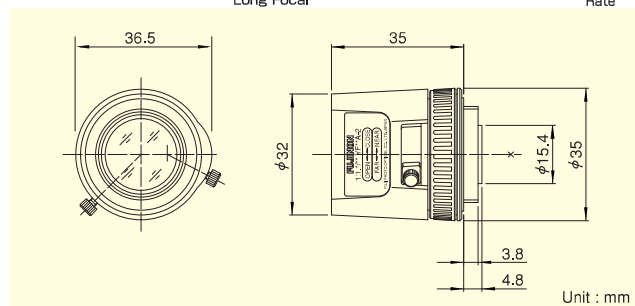
Applicable camera (model)

1	2/3	1/2	1/3	1/4

FIXED Fixed Focal	TELE Telephoto Long Focal	MANUAL Manual Iris	CS-mt CS Mount	F1.4 Wide Aperture Rate
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- Telephoto lens with the horizontal field angle of approximately 17 degrees
- Compact and lightweight design of 25g, best suited for built-in lenses
- Wide aperture of F1.4, optimizing the performance at low lighting intensity



Focal Length (mm)	16
Iris Range	F1.4 ~ Close
Operation	Focus Manual
Angle Of View (H×V)	17°04' × 12°50' 12°50' × 9°39'
Focusing Range (From Front Of The Lens) (m)	∞ ~ 0.5
Object Dimensions at M.O.D. (H×V) (mm)	153 × 115 115 × 86
Back Focal Distance (in air) (mm)	10.3
Exit Pupil Position (From Image Plane) (mm)	80
Filter Thread (mm)	—
Mount	CS
Mass (g)	25
Remarks	

FIXED FOCAL LENGTH LENSES



For Security
Fixed Focal

HF1.8HA-1

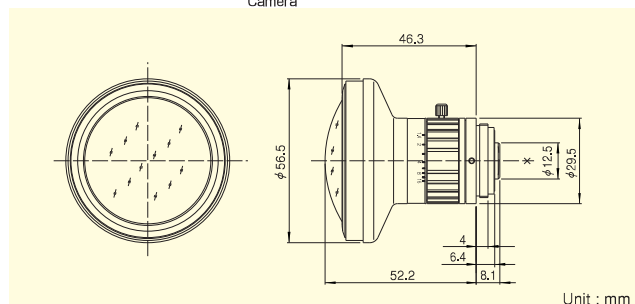
Applicable camera (model)

1	2/3	1/2	1/3	1/4

FIXED Fixed Focal	Fish-Eye 185° Fisheye	5 Mega For Megapixel Camera	MANUAL Manual Iris	C-mt C Mount	METAL Metal Mount
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- Fisheye lens with the field angle of 185 degrees (when used on 2/3" cameras)
- Design achieving the high resolution, supporting up to 5 mega pixels
- Iris lock tab provided, supporting environments such as vibration
- Robust design supporting various applications



Focal Length (mm)	1.8
Iris Range	F1.4 ~ F16
Operation	Focus Fixed Manual
Angle Of View (H×V)	2/3" 185° (φ5.7mm) 1/2" 185° × 154°08' 1/3" 154°08' × 115°27'
Focusing Range (From Front Of The Lens) (m)	∞ ~ 0.1
Back Focal Distance (in air) (mm)	9.7
Exit Pupil Position (From Image Plane) (mm)	-61
Filter Thread (mm)	—
Mount	C
Mass (g)	100
Remarks	•With Metal Mount •With Locking Knob for Iris

[Fisheye Lens Image]

