



## For FA/Machine Vision Fixed Focal

# HF12.5SA-1

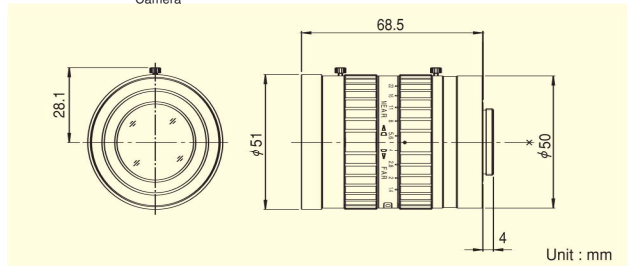
Applicable camera (model)

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

**FIXED** Fixed Focal  
**5 Mega** For Megapixel Camera  
**MANUAL** Manual Iris  
**C-mt** C Mount  
**METAL** Metal Mount  
**F1.4** Wide Aperture Rate



- High-resolution design, providing support for up to 5 megapixel camera resolution.
- Rear focusing system provides improved performance in macro photography.
- Wide-aperture (F1.4) design achieves clear images under low light intensity.
- Enhanced image recognition accuracy achieved by reduction of distortion and improvement of illumination uniformity.
- Robust enclosure resistant to vibrations and shocks. Equipped with locking knobs for the iris and the focus.



Focal Length (mm)		12.5	Remarks • With Metal Mount • With Locking Knob for Iris and Focus
Iris Range		F1.4 ~ F22	
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"	83 × 62	
	1/2"	60 × 45	
	1/3"	45 × 34	
Back Focal Distance (in air) (mm)		16.07	
Exit Pupil Position (From Image Plane) (mm)		-101	
Filter Thread (mm)		M49 × 0.75	
Mount		C	
Mass (g)		295	



## For FA/Machine Vision Fixed Focal

# HF16SA-1

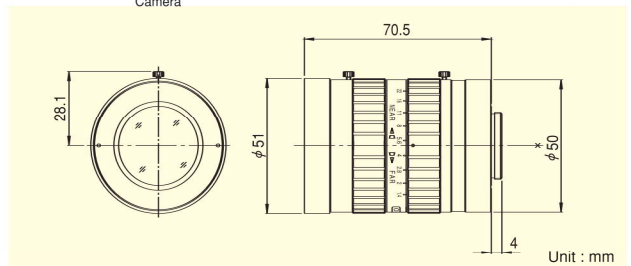
Applicable camera (model)

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

**FIXED** Fixed Focal  
**5 Mega** For Megapixel Camera  
**MANUAL** Manual Iris  
**C-mt** C Mount  
**METAL** Metal Mount  
**F1.4** Wide Aperture Rate



- High-resolution design, providing support for up to 5 megapixel camera resolution.
- Rear focusing system provides improved performance in macro photography.
- Wide-aperture (F1.4) design achieves clear images under low light intensity.
- Enhanced image recognition accuracy achieved by reduction of distortion and improvement of illumination uniformity.
- Robust enclosure resistant to vibrations and shocks. Equipped with locking knobs for the iris and the focus.



Focal Length (mm)		16	Remarks • With Metal Mount • With Locking Knob for Iris and Focus
Iris Range		F1.4 ~ F22	
Operation	Focus	Manual	
	Iris	Manual	
Angle Of View (H×V)	2/3"	30°45' × 23°18'	
	1/2"	22°37' × 17°04'	
	1/3"	17°04' × 12°50'	
Focusing Range (From Front Of The Lens) (m)		∞ ~ 0.1	
Object Dimensions at M.O.D. (H×V) (mm)	2/3"	69 × 51	
	1/2"	50 × 37	
	1/3"	37 × 28	
Back Focal Distance (in air) (mm)		17.99	
Exit Pupil Position (From Image Plane) (mm)		-172	
Filter Thread (mm)		M49 × 0.75	
Mount		C	
Mass (g)		285	