



**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

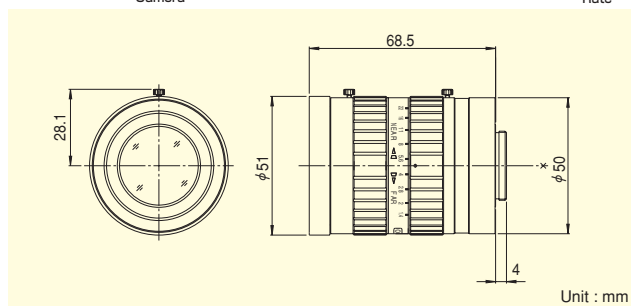
**F1.4**

Wide Aperture  
Rate

**NEW**



- 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.



Unit : mm

|                                             |       |                 |
|---------------------------------------------|-------|-----------------|
| Focal Length (mm)                           |       | 12.5            |
| 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             |

Remarks

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



**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

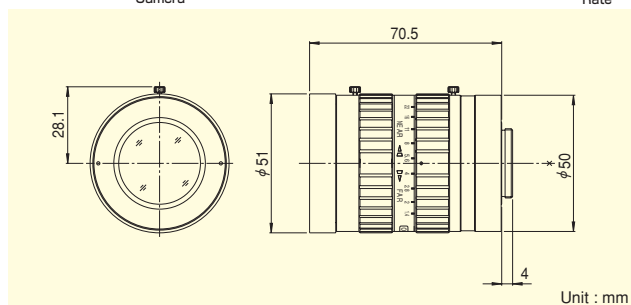
**F1.4**

Wide Aperture  
Rate

**NEW**



- 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.



Unit : mm

|                                             |       |                 |
|---------------------------------------------|-------|-----------------|
| Focal Length (mm)                           |       | 16              |
| 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             |

Remarks

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