

**f=25mm F/1.4**  
**for 2/3 type SWIR (800nm~1700nm) Cameras**  
**C-Mount**

|                                 |               |                            |                    |                            |                      |                            |
|---------------------------------|---------------|----------------------------|--------------------|----------------------------|----------------------|----------------------------|
| Model No.                       | M2514-SW      |                            | Effective          | Front                      | $\phi$ 17.8mm        |                            |
| Focal Length                    | 25mm          |                            | Lens Aperture      | Rear                       | $\phi$ 12.0mm        |                            |
| Max. Aperture Ratio             | 1:1.4         |                            | Distortion         | 2/3type                    | -0.5% (y=5.5)        |                            |
| Max. Image Circle               | $\phi$ 12.3mm |                            |                    | 1/2type                    | -0.2% (y=4.0)        |                            |
| Operation Range                 | Iris          | F1.4 - F16C                | Back Focal Length  |                            | 13.4mm               |                            |
|                                 | Focus         | 0.3m - Inf.                | Flange Back Length |                            | 17.526mm             |                            |
| Control                         | Iris          | Manual                     | Mount              |                            | C-Mount              |                            |
|                                 | Focus         | Manual                     | Filter Size        |                            | M30.5 P=0.5mm        |                            |
| Object Dimension at M.O.D       | 2/3 type      | 10.5cm x 7.8cm             | Dimensions         |                            | $\phi$ 33.5mm x 36mm |                            |
|                                 | 1/2 type      | 7.6cm x 5.7cm              | Weight             |                            | 71.2g                |                            |
| Angle of View                   | D             | 2/3 type                   | 24.7°              | 1/2 type                   | 18.1°                |                            |
|                                 | H             | H8.80mm x V6.60mm          | 19.8°              | H6.40mm x V4.80mm          | 14.5°                |                            |
|                                 | V             |                            | 14.9°              |                            | 10.9°                |                            |
| Angle of View (InGaAs Detector) | D             | 640 x 512                  | 27.6°              | 320 x 256                  | 23.0°                | 320 x 256                  |
|                                 | H             | (Pixel Pitch : 15 $\mu$ m) | 21.6°              | (Pixel Pitch : 25 $\mu$ m) | 18.1°                | (Pixel Pitch : 20 $\mu$ m) |
|                                 | V             | H9.60mm x V7.68mm          | 17.3°              | H8.00mm x V6.40mm          | 14.5°                | H6.40mm x V5.12mm          |
| Operating Temperature           | -10°C - +50°C |                            |                    |                            |                      |                            |

M.O.D : Minimum Object Distance

**Dimensions**

