

M1614-SW

f=16mm F1.4

for 2/3 type SWIR (800nm~1700nm) Cameras

C-Mount

| | | | | | | |
|-------------------------------------|---------------|------------------------|--------------------|------------------------|-------------------|------------------------|
| Model No. | M1614-SW | | Effective | Front | φ 18.5mm | |
| Focal Length | 16mm | | Lens Aperture | Rear | φ 13.2mm | |
| Max. Aperture Ratio | 1:1.4 | | Distortion | 2/3type | -0.5% (y=5.5) | |
| Max. Image Circle | φ 12.3mm | | | 1/2type | -0.5% (y=4.0) | |
| Operation Range | Iris | F1.4- F16C | Back Focal Length | | 13.3mm | |
| | 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 | 17.0cm x 12.7cm | Dimensions | | φ 33.5mm x 28.2mm | |
| | 1/2 type | 12.3cm x 9.2cm | Weight | | 60g | |
| Angle of View | D | 2/3 type | 37.7° | 1/2 type | 27.9° | |
| | H | H8.80mm x V6.60mm | 30.6° | H6.40mm x V4.80mm | 22.5° | |
| | V | | 23.2° | | 16.9° | |
| Angle of View (InGaAs Detector) | D | 640 x 512 | 41.7° | 320 x 256 | 35.3° | 28.6° |
| | H | (Pixel Pitch : 15 μ m) | 33.2° | (Pixel Pitch : 25 μ m) | 27.9° | (Pixel Pitch : 20 μ m) |
| | V | H9.60mm x V7.68mm | 26.8° | 8.00mm x V6.40mm | 22.5° | H6.40mm x V5.12mm |
| Operating Temperature | -10°C - +50°C | | | | | |

M.O.D : Minimum Object Distance

Dimensions

