

# H0514-VSW

**f=5mm F1.4 ViSWIR Lite**  
**for Visible+SWIR image sensor, Fixed-focal**  
**C-Mount**

|                                |       |                           |       |                    |         |                   |       |
|--------------------------------|-------|---------------------------|-------|--------------------|---------|-------------------|-------|
| Model No.                      |       | H0514-VSW                 |       | Effective          | Front   | φ 27.8mm          |       |
| Focal Length                   |       | 5mm                       |       | Lens Aperture      | Rear    | φ 14.8mm          |       |
| Max. Aperture Ratio            |       | 1:1.4                     |       | Distortion         | 1/2type | -0.48%(y=4.0)     |       |
| Max. Image Format              |       | 6.40mm x 5.12mm(φ 8.20mm) |       |                    | 1/3type | -2.26%(y=3.0)     |       |
| Transmittance Wavelength Range |       | 400nm - 1700nm            |       | Back Focal Length  |         | 10.8mm            |       |
| Operation Range                | Iris  | F1.4 - 16C                |       | Flange Back Length |         | 17.526mm          |       |
|                                | Focus | 0.1m - 0.9m               |       | Mount              |         | C-Mount           |       |
| Control                        | Iris  | Manual                    |       | Filter Size        |         | M43 P=0.75mm      |       |
|                                | Focus | Manual                    |       | Dimensions         |         | φ 44.5mm x 45.5mm |       |
| Operating Temperature          |       | -10°C - +50°C             |       | Weight             |         | 102g              |       |
| Angle of View                  | D     | IMX990                    | 77.8° | IMX991             | 44.6°   | 1/2 type          | 76.7° |
|                                | H     | 6.40mm x 5.12mm           | 65.5° | 3.20mm x 2.56mm    | 35.3°   |                   | 65.5° |
|                                | V     | (φ 8.20mm)                | 54.5° | (φ 4.10mm)         | 28.5°   |                   | 51.4° |

## Dimensions

