

## 1" 3.1MP Fixed Lens with Manual Iris 50mm F-1.4 C-Mount

Compatible with 1", 2/3", 1/2", 1/3" Cameras

### SPECIFICATIONS

|                                  |                                          |
|----------------------------------|------------------------------------------|
| <b>Focal Length</b>              | 50mm                                     |
| <b>Maximum Relative Aperture</b> | 1:1.4                                    |
| <b>Iris</b>                      | F1.4 - 16                                |
| <b>Angular Field of View</b>     | 14.5° x 10.8°                            |
| <b>Image Format</b>              | 12.8 x 9.6mm (Ø16 mm)                    |
| <b>Minimum Object Distance</b>   | 1.0 m (From Front Vertex)                |
| <b>Resolution</b>                | 5.0 µm (at Center)<br>8.0 µm (at Corner) |
| <b>Distortion</b>                | + 0.05 %                                 |

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>Optical Back Focal Distance</b> | 14.8 mm (In Air)                   |
| <b>Flange Back</b>                 | 17.526 mm                          |
| <b>Operation</b>                   | <b>Focus</b><br>Manual             |
|                                    | <b>Iris</b><br>Manual              |
| <b>Operation Temperature</b>       | - 10 °C ~ 50 °C / 14 °F ~ 122 °F   |
| <b>Mount</b>                       | C-Mount (Adjustable Lens Position) |
| <b>Front Thread</b>                | 40.5mm P0.5                        |
| <b>Size, Weight</b>                | Ø47.8 x 48(D) mm, Approx. 200g     |

### DIMENSIONS

UNIT: mm

