

TEC-M55MPW

f=55mm, F3.0

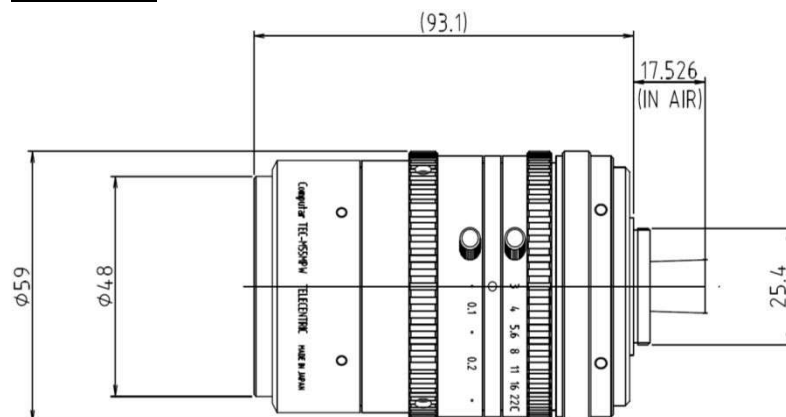
for 2/3 type Cameras, 5 Megapixel

C-Mount

| | | | | | |
|----------------------------|-------|----------------------------|-----------------------|------------|-----------------|
| Model No. | | TEC-M55MPW | Effective | Front | φ 30.8mm |
| Focal Length | | 55mm | Lens Aperture | Rear | φ 10.7mm |
| Magnification | | 0.057X - 0.5X | | Distortion | 2/3 type |
| Max. Image Format | | 8.8mm x 6.6mm(φ 11mm) | 0.6% at 0.5X(y=5.5) | | |
| Operation Range | Iris | F3.0 - F22C | Back Focal Length | | 17.0mm |
| | Focus | 0.14m - 1m | Flange Back Length | | 17.526mm |
| Control | Iris | Manual | Mount | | C-Mount |
| | Focus | Manual | Filter Size | | M46.0 P=0.75mm |
| Object Dimension at M.O.D. | | 17.4mm(H) x 13.1mm(V) 2/3" | Dimensions | | φ 59mm x 93.1mm |
| Relative illumination | | 94%(at 0.057X) | Weight | | 400g |
| | | 81%(at 0.5X) | Operating Temperature | | -10°C - +50°C |

M.O.D. : Minimum Object Distance

Dimensions



Field of View at Working Distance

| WD | Mfg. | Field of View(HxV) | |
|--------|--------|--------------------|------------------|
| | | 2/3" type camera | 1/2" type camera |
| 1000mm | 0.057X | 154.3 x 115.7mm | 112.2 x 84.2mm |
| 800mm | 0.072X | 122.2 x 91.6mm | 88.8 x 66.6mm |
| 600mm | 0.097X | 90.7 x 68.0mm | 65.9 x 49.4mm |
| 400mm | 0.150X | 58.6 x 44.0mm | 42.6 x 32.0mm |
| 200mm | 0.323X | 27.2 x 20.4mm | 19.8 x 14.8mm |
| 140mm | 0.504X | 17.4 x 13.1mm | 12.6 x 9.5mm |