

## TEC-M55MPW

**f=55mm, F3.0**

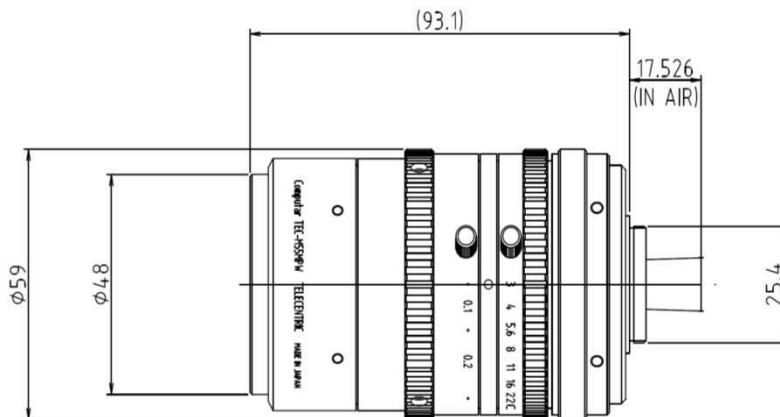
**for 2/3 type Cameras, 5 Megapixel**

**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 | 0.5% at 0.057X(y=5.5) |
| 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     |