

## M1224-MPW2-R series

f=12mm F2.4/F4.0/F5.6/F8.0/F11.0

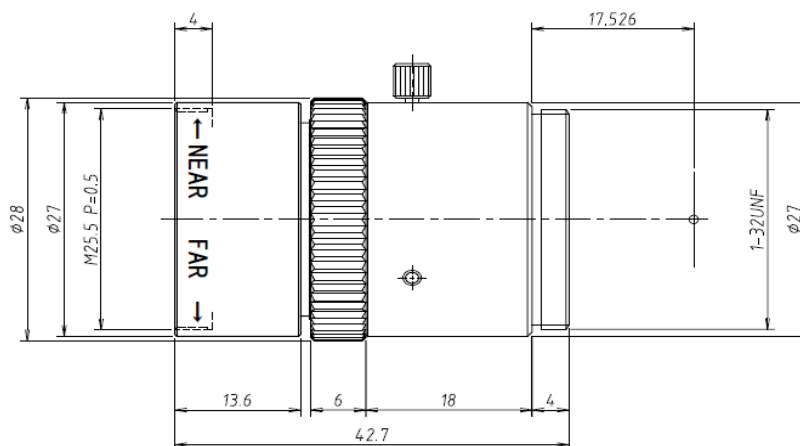
for 2/3 type Cameras, Ruggedized 5 Megapixel

C-Mount

|                               |            |                           |       |                    |            |                 |       |
|-------------------------------|------------|---------------------------|-------|--------------------|------------|-----------------|-------|
| Model No.                     |            | M1224-MPW2                |       | Effective          | Front      | ϕ 19.5mm        |       |
| Focal Length                  |            | 12mm                      |       | Lens Aperture      | Rear       | ϕ 13.5mm        |       |
| Max. Aperture Ratio           |            | 1:2.4                     |       | Distortion         | 2/3 type   | −0.05%(y=5.5)   |       |
| Max. Image Format             |            | 8.8mm x 6.6mm(ϕ 11mm)     |       |                    | 1/1.8 type | −0.34%(y=4.32)  |       |
| Operation Range               | Iris       | F2.4/F4.0/F5.6/F8.0/F11.0 |       |                    | 1/2 type   | −0.35%(y=4.0)   |       |
|                               | Focus      | 0.1m - Inf.               |       | Back Focal Length  |            | 14.39mm         |       |
| Control                       | Iris       | Fix                       |       | Flange Back Length |            | 17.526mm        |       |
|                               | Focus      | Manual                    |       | Mount              |            | C-Mount         |       |
| Object Dimension<br>at M.O.D. | 2/3 Type   | 6.4cm x 8.5cm             |       | Filter Size        |            | M25.5 P=0.5mm   |       |
|                               | 1/1.8 Type | 5.0cm x 6.7cm             |       | Dimensions         |            | ϕ 28mm x 42.7mm |       |
|                               | 1/2 Type   | 4.6cm x 6.2cm             |       | Weight             |            | 59g             |       |
| Angle of View                 | D          | 2/3 Type                  | 48.6° | 1/1.8 Type         | 39.1°      | 1/2 Type        | 36.5° |
|                               | H          |                           | 39.8° |                    | 31.7°      |                 | 29.5° |
|                               | V          |                           | 30.4° |                    | 24.0°      |                 | 22.3° |
| Operating Temperature         |            | −10°C - +50°C             |       |                    |            |                 |       |

M.O.D. : Minimum Object Distance

### Dimensions



| Model No.    | Aperture(F) |
|--------------|-------------|
| M1224-MPW2-R | F2.4        |
| M1240-MPW2-R | F4.0        |
| M1256-MPW2-R | F5.6        |
| M1280-MPW2-R | F8.0        |
| M1211-MPW2-R | F11.0       |