

# V5024-MPZ

f=50mm F2.4  
for 1" type cameras, Fixed-focal  
C-Mount

|                            |                        |                 |                    |                 |          |            |       |       |       |      |
|----------------------------|------------------------|-----------------|--------------------|-----------------|----------|------------|-------|-------|-------|------|
| Model No.                  | V5024-MPZ              |                 | Effective          | Front           | φ 21.8mm |            |       |       |       |      |
| Focal Length               | 50mm                   |                 | Lens Aperture      | Rear            | φ 16.4mm |            |       |       |       |      |
| Max. Aperture Ratio        | 1:2.4                  |                 | Distortion         | 1 Type          | 0.0%     |            |       |       |       |      |
| Max. Image Format          | 12.8mm x 9.6mm(φ 16mm) |                 |                    | 2/3 Type        | 0.0%     |            |       |       |       |      |
| Operation Range            | Iris                   | F2.4 - F16.0    |                    | 1/1.8 Type      | 0.0%     |            |       |       |       |      |
|                            | Focus                  | 0.2m - Inf.     | Back Focal Length  | 11.1mm          |          |            |       |       |       |      |
| Control                    | Iris                   | Manual          | Flange Back Length | 17.526mm        |          |            |       |       |       |      |
|                            | Focus                  | Manual          | Mount              | C-Mount         |          |            |       |       |       |      |
| Object Dimension at M.O.D. | 1 Type                 | 41.0mm x 30.7mm | Filter Size        | M30.5 P=0.5mm   |          |            |       |       |       |      |
|                            | 2/3 Type               | 28.1mm x 21.1mm | Dimensions         | φ 42mm x 60.1mm |          |            |       |       |       |      |
|                            | 1/1.8 Type             | 23.0mm x 17.2mm | Weight             | 138.5g          |          |            |       |       |       |      |
| Angle of View              | D                      | 1 Type          | 18.2°              | 2/3 Type        | 12.6°    | 1/1.8 Type | 10.3° |       |       |      |
|                            | H                      |                 |                    |                 |          |            |       | 14.6° | 10.1° | 8.3° |
|                            | V                      |                 |                    |                 |          |            |       | 11.0° | 7.6°  | 6.2° |
| Operating Temperature      | -10°C - +50°C          |                 |                    |                 |          |            |       |       |       |      |

M.O.D. : Minimum Object Distance

**Dimensions**

