

# E1220KV

f = 12.0mm F2.0 3 Megapixel lens  
for 1/1.8 type Format Board Cameras, No Iris

|                               |   |                         |                   |                    |                 |                   |        |
|-------------------------------|---|-------------------------|-------------------|--------------------|-----------------|-------------------|--------|
| Model No.                     | E1220KV                                   |                         | Effective         | Front              | φ 13.0mm        |                   |        |
| Focal Length                  | 12.0mm                                    |                         | Lens Aperture     | Rear               | φ 8.1mm         |                   |        |
| Max. Aperture Ratio           | 1:2.0                                     |                         | Distortion        |                    | +0.04% (y=4.32) |                   |        |
| Max. Image Format             | 6.9mm x 5.2mm (φ 8.64mm)                  |                         | Back Focal Length |                    | 13.34mm         |                   |        |
| Operation Range               | Iris                                      | —                       |                   | Flange Back Length |                 | —                 |        |
|                               | Focus                                     | 0.2m - Inf.             |                   | Mount              |                 | M12 P=0.5mm       |        |
| Object Dimention<br>at M.O.D. | 1/2 type                                  | 11.1cm x 8.3cm (φ 13.9) |                   | Dimensions         |                 | φ 17.0mm x 34.4mm |        |
|                               | 1/3 type                                  | 8.3cm x 6.2cm (φ 10.4)  |                   | Weight             |                 | 12.0g             |        |
| Coating                       | MgF2 Single Coat (All Surfaces λ = 510nm) |                         |                   |                    |                 |                   |        |
| Angle of View                 | D   | 1/1.8 type              | 39.50°            | 1/2 type           | 36.80°          | 1/3 type          | 28.06° |
|                               | H   |                         | 32.05°            |                    | 29.84°          |                   | 22.61° |
|                               | V   |                         | 24.44°            |                    | 22.61°          |                   | 17.05° |

## Dimensions

