

# E1620KV

**f = 16.0mm F2.0 3 Megapixel lens**  
**for 1/1.8 type Format Board Cameras, No Iris**

|                               |   |                             |                   |                    |                 |                        |        |
|-------------------------------|---|-----------------------------|-------------------|--------------------|-----------------|------------------------|--------|
| Model No.                     | E1620KV   |                             | Effective         | Front              | $\phi$ 9.7mm    |                        |        |
| Focal Length                  | 16.0mm  |                             | Lens Aperture     | Rear               | $\phi$ 8.1mm    |                        |        |
| Max. Aperture Ratio           | 1:2.0   |                             | Distortion        |                    | -0.07% (y=4.32) |                        |        |
| Max. Image Format             | 6.9mm x 5.2mm ( $\phi$ 8.64mm)                            |                             | Back Focal Length |                    | 12.06mm         |                        |        |
| Operation Range               | Iris  | —                           |                   | Flange Back Length |                 | —                      |        |
|                               | Focus   | 0.15m - Inf.                |                   | Mount              |                 | M12 P=0.5mm            |        |
| Object Dimention<br>at M.O.D. | 1/2 type  | 5.9cm x 4.4cm ( $\phi$ 7.3) |                   | Dimensions         |                 | $\phi$ 17.0mm x 23.1mm |        |
|                               | 1/3 type  | 4.4cm x 3.3cm ( $\phi$ 5.5) |                   | Weight             |                 | 6.0g                   |        |
| Coating                       | MgF2 Single Coat (All Surfaces $\lambda = 510\text{nm}$ ) |                             |                   |                    |                 |                        |        |
| Angle of View                 | D   | 1/1.8 type                  | 30.02°            | 1/2 type           | 27.93°          | 1/3 type               | 21.20° |
|                               | H   |                             | 24.26°            |                    | 22.56°          |                        | 17.04° |
|                               | V   |                             | 18.44°            |                    | 17.04°          |                        | 12.83° |

## Dimensions

