

**M1628-MPW3**

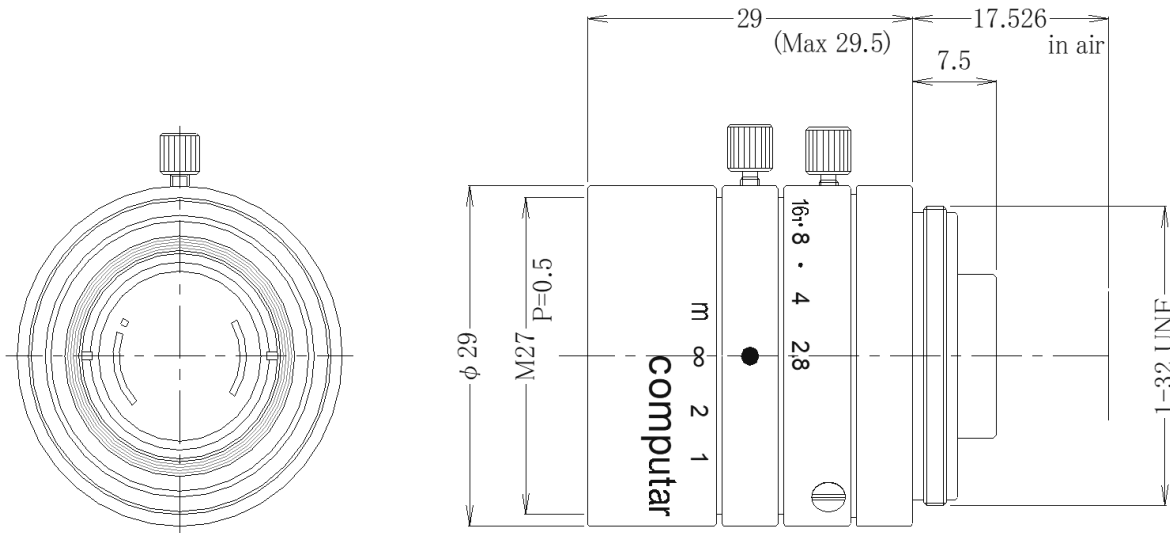
f = 16mm F 2.8  
 For 2/3 type 6 Megapixel Cameras  
 C-Mount

|                            |                         |                  |                    |                      |            |       |
|----------------------------|-------------------------|------------------|--------------------|----------------------|------------|-------|
| Model No.                  | M1628-MPW3              |                  | Effective          | Front                | φ 14.1mm   |       |
| Focal Length               | 16mm                    |                  | Lens Aperture      | Rear                 | φ 9.1mm    |       |
| Max. Aperture Ratio        | 1:2.8                   |                  | Distortion(INF)    | 2/3 type(Y=5.5mm)    | 0.47%      |       |
| Max. Image Format          | 8.8mm x 6.6mm(φ 11.0mm) |                  |                    | 1/1.8 type(Y=4.5mm)  | 0.15%      |       |
| Operation Range            | Iris                    | F2.8 - 16.0      |                    | 1/2.5 type(Y=3.55mm) | 0.03%      |       |
|                            | Focus                   | 0.25m - inf.     | Back Focal Length  | 10.3mm               |            |       |
| Control                    | Iris                    | Manual           | Flange Back Length | 17.526mm             |            |       |
|                            | Focus                   | Manual           | Mount              | C-Mount              |            |       |
| Object Dimension at M.O.D. | 2/3 Type                | 140.6 x 105.4 mm | Filter Size        | M27 P=0.5mm          |            |       |
|                            | 1/1.8 Type              | 115.0 x 86.2 mm  | Dimensions         | φ 29mm x 29mm        |            |       |
|                            | 1/2.5 Type              | 91.0 x 68.6 mm   | Weight             | 37g                  |            |       |
| Angle of View              | D                       | 2/3 type         | 1/1.8 type         | 31.4°                | 1/2.5 type | 25.0° |
|                            | H                       |                  |                    | 25.3°                |            | 20.2° |
|                            | V                       |                  |                    | 19.2°                |            | 15.3° |
| Operating Temperature      | -10°C - +50°C           |                  |                    |                      |            |       |

2/3 type

C

**Dimensions**



**SCORPION VISION**

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