

# V0828-MPY

f=8mm F2.8

for 1.1" type 12 Megapixel cameras, Fixed-focal

C-Mount

|                            |                           |              |                                 |            |                                 |          |       |       |       |       |
|----------------------------|---------------------------|--------------|---------------------------------|------------|---------------------------------|----------|-------|-------|-------|-------|
| Model No.                  | V0828-MPY                 |              | Effective                       | Front      | φ 42.2mm                        |          |       |       |       |       |
| Focal Length               | 8mm                       |              | Lens Aperture                   | Rear       | φ 15.3mm                        |          |       |       |       |       |
| Max. Aperture Ratio        | 1:2.8                     |              | Distortion                      | 1.1 type   | -0.6%                           |          |       |       |       |       |
| Max. Image Format          | 14.2mm x 10.4mm(φ 17.6mm) |              |                                 | 1 type     | -1.7%                           |          |       |       |       |       |
| Operation Range            | Iris                      | F2.8 - F16.0 |                                 | 2/3 type   | -2.8%                           |          |       |       |       |       |
|                            | Focus                     | 0.2m - Inf.  | Back Focal Length               | 8.6mm      |                                 |          |       |       |       |       |
| Control                    | Iris                      | Manual       | Flange Back Length              | 17.526mm   |                                 |          |       |       |       |       |
|                            | Focus                     | Manual       | Mount                           | C-Mount    |                                 |          |       |       |       |       |
| Object Dimension at M.O.D. | 1.1 Type                  | 38cm x 27cm  | Weight                          | 155.0g     |                                 |          |       |       |       |       |
|                            | 1 Type                    | 34cm x 25cm  |                                 | Dimensions | φ 57.5mm x 53.2mm               |          |       |       |       |       |
|                            | 2/3 Type                  | 23cm x 17cm  |                                 |            | φ 75.0mm x 54.0mm (with VM0811) |          |       |       |       |       |
| Filter Size(*)             | -                         |              | φ 70.0mm x 54.0mm (with VM0810) |            |                                 |          |       |       |       |       |
| Angle of View              | D                         | 1.1 Type     | 93.9°                           | 1 Type     | 89.3°                           | 2/3 Type | 69.0° |       |       |       |
|                            | H                         |              |                                 |            |                                 |          |       | 83.0° | 77.3° | 57.3° |
|                            | V                         |              |                                 |            |                                 |          |       |       |       |       |
| Operating Temperature      | -10°C - +50°C             |              |                                 |            |                                 |          |       |       |       |       |

M.O.D. : Minimum Object Distance

(\*)For using filters, please attach either VM0811 or VM0810.

## Dimensions

