

## Vibration Resistant Distortionless Lens

| Model                          |      | VS-MCA50                                       |     |                |     |     |                |     |     |      |
|--------------------------------|------|--|-----|----------------|-----|-----|----------------|-----|-----|------|
| Focal Length(f)                |      | 50 mm (48.48)                                  |     |                |     |     |                |     |     |      |
| Maximum Aperture Ratio         |      | 1: 2.5   |     |                |     |     |                |     |     |      |
| Optical Mag. Range             |      | × 0.08 ~ × 0.48                                |     |                |     |     |                |     |     |      |
| Optical Mag.                   |      | × 0.08   |     | × 0.3          |     |     | × 0.48         |     |     |      |
| FOV (V x H)                    | 2/3" | 88.8 × 105.0 mm                                |     | 23.7 × 28.0 mm |     |     | 14.8 × 17.5 mm |     |     |      |
|                                | 1/2" | 60.0 × 80.0 mm                                 |     | 16.0 × 21.3 mm |     |     | 10.0 × 13.3 mm |     |     |      |
|                                | 1/3" | 45.0 × 60.0 mm                                 |     | 12.0 × 16.0 mm |     |     | 7.5 × 10.0 mm  |     |     |      |
| WD                             |      | 633.6 mm                                       |     | 189.3 mm       |     |     | 128.7 mm       |     |     |      |
| O/I (Object & Imager Distance) |      | 695.1 mm                                       |     | 261.5 mm       |     |     | 209.6 mm       |     |     |      |
| Aperture                       |      | 2.5  | 5.6 | 8              | 2.5 | 5.6 | 8              | 2.5 | 5.6 | 8    |
| Working F/#                    |      | 2.6  | 6.0 | 8.6            | 3.2 | 7.3 | 10.4           | 3.6 | 8.3 | 11.8 |
| TV Distortion (2/3")           |      | 0.04 %   |     | -0.01 %        |     |     | -0.01 %        |     |     |      |
| Operation                      |      | Manual   |     |                |     |     |                |     |     |      |
| Wavelength                     |      | Visible  |     |                |     |     |                |     |     |      |
| Mount                          |      | C-Mount  |     |                |     |     |                |     |     |      |
| Flange Back                    |      | 17.526 mm                                      |     |                |     |     |                |     |     |      |
| Sensor Size (max.)             |      | 2/3"   |     |                |     |     |                |     |     |      |
| Filter Thread                  |      | M 27 P= 0.5                                    |     |                |     |     |                |     |     |      |
| Weight (approx.)               |      | 60 g   |     |                |     |     |                |     |     |      |
| Dimension                      |      | ϕ 31 (max.) × L = 45 (X0.08) ~ 63.4 (X0.48) mm |     |                |     |     |                |     |     |      |

※ Note: Available with MC Focus Locking System, FNO (Iris Open) 5 .6 & 8