

## High Resolution Telecentric Lens

| Model                          |      | VS-TCH4-110      |   |     |          |
|--------------------------------|------|------------------|---|-----|----------|
| Optical Mag.                   |      | × 4.0 ± 5 %      |   |     |          |
| FOV (V x H)                    | 2/3" | 1.8              | × | 2.1 | mm       |
|                                | 1/2" | 1.2              | × | 1.6 | mm       |
|                                | 1/3" | 0.9              | × | 1.2 | mm       |
| WD                             |      | 110.8 mm ± 3.3   |   |     |          |
| O/I (Object & Imager Distance) |      | 256.8 mm         |   |     |          |
| Working F/#                    |      | 22.2             |   |     |          |
| NA                             |      | 0.090            |   |     |          |
| DOF at PCoC $\phi$ 0.04mm      |      | 0.1 mm           |   |     |          |
| TV Distortion (2/3")           |      | 0.03 %           |   |     |          |
| Relative Illuminance (Y=5.5)   |      | 87 %             |   |     |          |
| Wavelength                     |      | Visible          |   |     |          |
| Mount                          |      | C-Mount          |   |     |          |
| Flange Back                    |      | 17.526 mm        |   |     |          |
| Sensor Size (max.)             |      | 2/3"             |   |     |          |
| Co-Axial Prism                 |      | -                |   |     |          |
| Filter Thread                  |      | M 27 P= 0.5      |   |     |          |
| Weight (approx.)               |      | 90 g             |   |     |          |
| Dimension                      |      | $\phi$ 30 (max.) | × | L = | 128.5 mm |

