

1" Telecentric Lens

|                                 |      |                 |        |     |            |
|---------------------------------|------|-----------------|--------|-----|------------|
| Model                           |      | VS-THV2-110CO/S |        |     |            |
| Optical Mag.                    |      | × 2.0           |        |     |            |
| FOV (V x H)                     | 1"   | 5.6             | ×      | 5.6 | mm         |
|                                 | 2/3" | 3.6             | ×      | 4.2 | mm         |
|                                 | 1/2" | 2.4             | ×      | 3.2 | mm         |
| WD                              |      | 110.4 mm ± 3.3  |        |     |            |
| O/I (Object & Imager Distance)  |      | 294.9 mm        |        |     |            |
| Working F/# *Value at Iris Open |      | 10.0            |        |     |            |
| NA                              |      | 0.100           |        |     |            |
| DOF at PCoC $\phi$ 0.04mm       |      | 0.2 mm          |        |     |            |
| TV Distortion (1")              |      | 0.02 %          |        |     |            |
| Relative Illuminance (Y=8)      |      | 100 %           |        |     |            |
| Wavelength                      |      | Visible         |        |     |            |
| Mount                           |      | C-Mount         |        |     |            |
| Flange Back                     |      | 17.526 mm       |        |     |            |
| Sensor Size (max.)              |      | 1"              |        |     |            |
| Co-Axial Prism                  |      | Built-in        |        |     |            |
| Filter Thread                   |      | M 35.5 P= 0.5   |        |     |            |
| Weight (approx.)                |      | 230 g           |        |     |            |
| Dimension                       |      | $\phi$ 38       | (max.) | ×   | L = 167 mm |

