

## High Resolution Telecentric Lens for 1.1"

| Model                           | Front Lens | VS-TLS200         |   |              |
|---------------------------------|------------|-------------------|---|--------------|
|                                 | Rear Lens  | VS-TLS200-01B     |   |              |
| Optical Mag.                    |            | × 0.1 ± 5 %       |   |              |
| FOV (V x H)                     | 1.1"       | 103.0             | × | 141.0 mm     |
|                                 | 1"         | 112.6             | × | 112.6 mm     |
|                                 | 2/3"       | 71.0              | × | 84.0 mm      |
| WD                              |            | 301.0 mm          |   |              |
| O/I (Object & Imager Distance)  |            | 825.0 mm          |   |              |
| Working F/# *Value at Iris Open |            | 5.6               |   |              |
| NA                              |            | 0.009             |   |              |
| DOF at PCoC $\phi$ 0.04mm       |            | 44.8 mm           |   |              |
| TV Distortion (1.1")            |            | 0.06 %            |   |              |
| Relative Illuminance (Y=8.8)    |            | 99 %              |   |              |
| Wavelength                      |            | Visible           |   |              |
| Mount                           |            | C-Mount           |   |              |
| Flange Back                     |            | 17.526 mm         |   |              |
| Sensor Size (max.)              |            | 1.1"              |   |              |
| Co-Axial Prism                  |            | -                 |   |              |
| Weight (approx.)                |            | 4900 g            |   |              |
| Dimension                       |            | $\phi$ 205 (max.) | × | L = 506.5 mm |