

Telecentric Lens

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|----------------------------------|-------------|---|---|----------|--------------|
| Model | | VS-THV2-110CO/S-LQL1 + Liquid Lens + Extension Tube | | | |
| Focus tunable lens (Optotune) | Model | EL-16-40-TC-VIS-5D-C | | | |
| | Focal power | -2 dpt | | +3 dpt | |
| Extension Tube | | SV-EXR50 + SV-EXR10 | | | |
| Optical Mag. | | × 2.0 | | × 1.8 | |
| FOV | 1" | 5.6 | × | 5.6 mm | 6.3 × 6.3 mm |
| | 2/3" | 3.6 | × | 4.2 mm | 3.9 × 4.7 mm |
| | 1/2" | 2.4 | × | 3.2 mm | 2.7 × 3.6 mm |
| WD | | 115.8 mm | | 105.6 mm | |
| Optical leverage | | 2.04 mm/dpt | | | |
| O/I (Object & Imager Distance) | | 295.7 mm | | 285.5 mm | |
| Working F/# | | 10.1 | | 9.0 | |
| NA | | 0.099 | | 0.099 | |
| DOF at PCoC ϕ 0.04mm | | 0.2 mm | | 0.2 mm | |
| TV Distortion (1") | | 0.04 % | | 0.01 % | |
| Relative Illuminance (Y=8) | | 98 % | | 98 % | |
| 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.) | | - g | | | |
| Dimension | | ϕ 38 (max.) × L = 162.4 mm | | | |