31-Mar-16
SPOE0750A2

# *Zoom Lens*

| Model | | VSZ-10100COL | | |
|---|---|---|---|---|
| Optical Mag. Range | | × 1.0 ～ × 10.0 | | |
| Optical Mag. | | × 1.0 | × 4.0 | × 10.0 |
| FOV (V x H) | 2/3″ | 7.1 × 8.4 mm | 1.8 × 2.1 mm | 0.7 × 0.8 mm |
| | 1/2″ | 4.8 × 6.4 mm | 1.2 × 1.6 mm | 0.5 × 0.6 mm |
| | 1/3″ | 3.6 × 4.8 mm | 0.9 × 1.2 mm | 0.4 × 0.5 mm |
| WD | | 97.0 mm | | |
| O/I (Object & Imager Distance) | | 408.0 mm | | |
| Working F/# | | 13.3 | 15.4 | 36.7 |
| NA | | 0.038 | 0.130 | 0.136 |
| DOF at PCoC $\phi$0.04mm | | 1.1 mm | 0.08 mm | 0.03 mm |
| TV Distortion (2/3″) | | 0.16 % | -0.01 % | 0.02 % |
| Relative Illuminance (Y=5.5) | | 86 % | 67 % | 100 % |
| Wavelength | | Visible | | |
| Mount | | C-Mount | | |
| Flange Back | | 17.526 mm | | |
| Sensor Size (max.) | | 2/3″ | | |
| Co-Axial Prism | | Built-in | | |
| Filter Thread | | M 43 P= 0.75 | | |
| Weight (approx.) | | 1210 g | | |
| Dimension | | $\phi$ 46 (max.) × L = 293.5 mm | | |

*VS Technology Corporation*