

Zoom Lens

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|---------------------------------|--------------------------|-----------|-----------|-----------|---------|--|
| Model | VSZ-10100 | | | | | |
| Optical mag. range | 1.0 ~ 10.0 x | | | | | |
| Optical mag. | 1.0 x | | 4.0 x | | 10.0 x | |
| FOV (VxH mm) | 2/3" | 6.6 x 8.8 | 1.7 x 2.2 | 0.7 x 0.9 | | |
| | 1/2" | 4.8 x 6.4 | 1.2 x 1.6 | 0.5 x 0.6 | | |
| | 1/3" | 3.6 x 4.8 | 0.9 x 1.2 | 0.4 x 0.5 | | |
| WD | 95 mm | | | | | |
| Focus Range / Operation | ±3mm / Manual | | | | | |
| O/I (Object & Imager distance) | 382.0 mm | | | | | |
| Working F/# *Value at iris open | 13.3 | | 15.4 | | 36.7 | |
| NA | 0.038 | | 0.130 | | 0.136 | |
| Resolution *at λ 550nm | 8.8 μ | | 2.6 μ | | 2.5 μ | |
| DOF at PCoC φ0.04mm | 1.1 mm | | 0.08 mm | | 0.03 mm | |
| TV distortion (max.) | 0.19% | | 0.01% | | 0.01% | |
| Wavelength | Visible (400nm - 700nm) | | | | | |
| Camera mount | C-mount | | | | | |
| Flange Back | 17.526 mm | | | | | |
| Sensor size (max.) | 2/3" | | | | | |
| Co-axial prism | - | | | | | |
| Filter thread | M43 P=0.75 | | | | | |
| Weight (approx.) | - g | | | | | |
| Dimension | Φ 46 (MAX) × L= 269.5 mm | | | | | |

VS Technology Corporation