

Object-side telecentric lens Middle WD series

|                                |      |                                     |                 |
|--------------------------------|------|-------------------------------------|-----------------|
| Model                          |      | VS-TC3-65                           |                 |
| Optical Mag.                   |      | $\times 3.0 \pm 5\%$                |                 |
| FOV (VxH)                      | 2/3" | 2.2                                 | $\times$ 2.9 mm |
|                                | 1/2" | 1.6                                 | $\times$ 2.1 mm |
|                                | 1/3" | 1.2                                 | $\times$ 1.6 mm |
| WD                             |      | 65.3 mm $\pm$ 2                     |                 |
| O/I (Object & Imager Distance) |      | 142.1 mm                            |                 |
| Working F/#                    |      | 22.0                                |                 |
| NA                             |      | 0.068                               |                 |
| Resolution *at $\lambda$ 550nm |      | 4.9 $\mu$                           |                 |
| DOF at PCoC $\phi$ 0.04mm      |      | 0.2 mm                              |                 |
| TV distortion (max.)           |      | 0.04 %                              |                 |
| Relative illuminance (Y=5.5)   |      | 97.7 %                              |                 |
| Wavelength                     |      | Visible (400nm – 700nm)             |                 |
| Camera Mount                   |      | C-mount                             |                 |
| Flange Back                    |      | 17.526 mm                           |                 |
| Sensor size (max.)             |      | 2/3"                                |                 |
| Co-axial prism                 |      | –                                   |                 |
| Weight (approx.)               |      | 38.3 g                              |                 |
| Dimension                      |      | $\Phi$ 31 (MAX) $\times$ L= 59.3 mm |                 |