

Standard Telecentric Lens

| Model                          |        | TS-APT1X65       |     |     |       |
|--------------------------------|--------|------------------|-----|-----|-------|
| Optical Mag.                   |        | ×                | 1.0 | ±   | 5 %   |
| FOV (V x H)                    | 1/1.8" | 5.4              | ×   | 7.1 | mm    |
|                                | 1/2"   | 4.8              | ×   | 6.4 | mm    |
|                                | 1/3"   | 3.6              | ×   | 4.8 | mm    |
| WD                             |        | 65.9             | mm  | ±   | 2     |
| O/I (Object & Imager Distance) |        | 172.4            | mm  |     |       |
| Working F/#                    |        | 12.1             |     |     |       |
| NA                             |        | 0.041            |     |     |       |
| DOF at PCoC $\phi$ 0.04mm      |        | 1.0              | mm  |     |       |
| TV Distortion (1/1.8")         |        | 0.01             | %   |     |       |
| Wavelength                     |        | Visible          |     |     |       |
| Mount                          |        | C-Mount          |     |     |       |
| Flange Back                    |        | 17.526           | mm  |     |       |
| Sensor Size (max.)             |        | 1/1.8"           |     |     |       |
| Co-Axial Prism                 |        | -                |     |     |       |
| Weight (approx.)               |        | 39               | g   |     |       |
| Dimension                      |        | $\phi$ 29 (max.) | ×   | L = | 89 mm |