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Pyramid Imaging

## High Resolution Telecentric Lens for 1.1"

| Model                           |      | VS-THV2-150/S                   |       |
|---------------------------------|------|---------------------------------|-------|
| Optical Mag.                    |      | × 2.0                           | ± 5 % |
| FOV (V x H)                     | 1.1" | 5.2 × 7.1                       |       |
|                                 | 1"   | 5.6 × 5.6                       |       |
|                                 | 2/3" | 3.6 × 4.2                       |       |
| WD                              |      | 152.0 mm                        | ± 4.6 |
| O/I (Object & Imager Distance)  |      | 400.0 mm                        |       |
| Working F/# *Value at Iris Open |      | 9.2                             |       |
| NA                              |      | 0.109                           |       |
| DOF at PCoC $\phi$ 0.04mm       |      | 0.2 mm                          |       |
| TV Distortion (1.1")            |      | -0.01 %                         |       |
| Relative Illuminance (Y=8.8)    |      | 100 %                           |       |
| Wavelength                      |      | Visible                         |       |
| Mount                           |      | C-Mount                         |       |
| Flange Back                     |      | 17.526 mm                       |       |
| Sensor Size (max.)              |      | 1.1"                            |       |
| Co-Axial Prism                  |      | -                               |       |
| Filter Thread                   |      | M 52 P= 0.75                    |       |
| Weight (approx.)                |      | 600 g                           |       |
| Dimension                       |      | $\phi$ 55 (max.) × L = 230.5 mm |       |

**VS TECHNOLOGY CORPORATION**