



XF-PTL04529-F-VI

Specification

| | |
|----------------------|-------------------------------|
| Optical structure | Bi-Telecentric |
| Magnification | 0.646 |
| Object field of view | $\phi 44.9\text{mm}$ |
| Image field of view | $\phi 29\text{mm}$ |
| Working Distance | $120\text{mm} \pm 3\%$ |
| Telecentricity | $< 0.03^\circ (0.07^\circ)$ |
| Depth of field | 1.8-10mm |
| F# | F7-F37.5 |
| Resolution | $7.2-38.32\mu\text{m}$ |
| MTF | $> 0.3 @ 145-271\text{lp/mm}$ |
| Distortion | $< 0.046\% (0.065\%)$ |
| Detector type: | |

| | | |
|----------------|-----------------------------|-----------------------------|
| 7/4' | 22.5×16.9 | $34.8 \times 26.2\text{mm}$ |
| 4/3' | 18×13.5 | $27.9 \times 20.9\text{mm}$ |
| 1.1' | 14.2×10.4 | $22 \times 16.1\text{mm}$ |
| 1' | 12.8×9.6 | $19.8 \times 14.9\text{mm}$ |
| 2K Linear scan | $2048 \times 10\mu\text{m}$ | 31.7mm |
| 4K Linear scan | $4096 \times 7\mu\text{m}$ | 44.4mm |