



## XF-PTL04538-F-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	0.874
Object field of view	$\Phi 43.5\text{mm}$
Image field of view	$\Phi 38\text{mm}$
Working Distance	$120\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.07^\circ)$
Depth of field	1.1-7.4mm
F#	F8-F50.8
Resolution	6-38.32 $\mu\text{m}$
MTF	$> 0.3 @ 130\text{-}20\text{lp/mm}$
Distortion	$< 0.065\% (0.085\%)$
Detector type:	

71M	31 $\times$ 22	35.5 $\times$ 25.2mm
2'	23 $\times$ 23	26.3 $\times$ 26.3mm
4/3'	18 $\times$ 13.5	20.6 $\times$ 15.4mm
1.1'	14.2 $\times$ 10.4	16.2 $\times$ 11.9mm
2K Linear scan	2048 $\times$ 10 $\mu\text{m}$	23.4mm
4K Linear scan	4096 $\times$ 7 $\mu\text{m}$	32.8mm