



XF-10MDT03X178-1C

Specification

Optical structure	Bi-Telecentric
Magnification	0.3
Object field of view	$\Phi 53.3\text{mm}$
Image field of view	$\Phi 16\text{mm}$
Working Distance	$178\text{mm} \pm 3\%$
Telecentricity	$< 0.23^\circ$
Depth of field	9.5mm
F#	F8
Resolution	$17.4\mu\text{m}$
MTF	$> 0.3 @ 120\text{lp/mm}$
Distortion	$< 0.06\%$
Detector type:	

1'	12.8×9.6	$42.7 \times 32.0\text{mm}$
2/3'	8.8×6.6	$29.3 \times 22.0\text{mm}$
1/2'	6.4×4.8	$21.3 \times 16.0\text{mm}$
1/3'	4.8×3.6	$16.0 \times 12.0\text{mm}$

Undefined tolerance (mm)	degree	File Name			
X. X	± 0.2	$\pm 30\text{min}$	XF-10MDT03X178-1C-外形尺寸-EN		
X. XX	± 0.02	Drawing Name			
X. XXX	± 0.005	Drawing Size: A3			
	Sign	Data/Ver.	Material	Ratio	Product Name
Design				1:1	
Modify1			Qty		Canrill OPTICS
Modify2			Total:	Page:	All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization.