



## XF-10MDT08X178-1C

### Specification

Optical structure	Telecentric
Magnification	0.8
Object field of view	$\Phi 20.3\text{mm}$
Image field of view	$\Phi 16.2\text{mm}$
Working Distance	$178\text{mm} \pm 3\%$
Telecentricity	$< 0.15^\circ$
Depth of field	1.7mm
F#	F10
Resolution	$8.3\mu\text{m}$
MTF	$> 0.3 @ 100\text{lp/mm}$
Distortion	$< 0.077\%$
Detector type:	

1'	12.8×9.6	16.0×12.0mm
2/3'	8.45×7.07	10.6×8.8mm
1/2'	6.4×4.8	8.0×6.0mm
1/3'	4.8×3.6	6.0×4.5mm

Undefined tolerance (mm)	degree	File Name			
X. X	$\pm 0.2$	$\pm 30\text{min}$	XF-10MDT08X178-1C-外形尺寸-EN		
X. XX	$\pm 0.02$	Drawing Name			
X. XXX	$\pm 0.005$	Drawing Size: A3			
	Sign	Data/Ver.	Material	Ratio	Product Name
Design				1.5:1	
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.