



## XF-10MDT0209X178-1C

### Specification

Optical structure	Bi-Telecentric
Magnification	0.209
Object field of view	$\Phi 77.5\text{mm}$
Image field of view	$\Phi 16.2\text{mm}$
Working Distance	$178\text{mm} \pm 3\%$
Telecentricity	$< 0.07^\circ$
Depth of field	20.5mm
F#	F8
Resolution	$25.3\mu\text{m}$
MTF	$> 0.3 @ 130\text{lp/mm}$
Distortion	$< 0.088\%$
Detector type:	

1'	12.8×9.6	61.2×45.9mm
2/3'	8.45×7.07	40.4×33.8mm
1/2'	6.4×4.8	30.6×23.0mm
1/3'	4.8×3.6	23.0×17.2mm

Undefined tolerance (mm)	degree	File Name			
X. X	$\pm 0.2$	$\pm 30\text{min}$	XF-10MDT0209X178-1C-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				1:1.5	
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.