



XF-10MDT08X178-1C

Specification

Optical structure	Telecentric
Magnification	0.8
Object field of view	$\Phi 22.0\text{mm}$
Image field of view	$\Phi 17.6\text{mm}$
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	$< 0.100\%$
Detector type:	
1.1' 14.2×10.4	$17.8 \times 13.0\text{mm}$
2/3' 8.45×7.07	$10.6 \times 8.8\text{mm}$
1/2' 6.4×4.8	$8.0 \times 6.0\text{mm}$
1/3' 4.8×3.6	$6.0 \times 4.5\text{mm}$

Undefined tolerance (mm)	degree	File Name			
X. X	± 0.2	$\pm 30\text{min}$	XF-10MDT08X178-1C-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				1.5:1	
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.