



# XF-MT05X110

## Specification

Optical structure	Bi-Telecentric
Magnification	0.5
Object field of view	$\Phi 22\text{mm}$
Image field of view	$\Phi 11\text{mm}$
Working Distance	$110\text{mm} \pm 3\%$
Telecentricity	$< 0.1^\circ$
Depth of field	4mm
F#	F9.6
Resolution	$12.7\mu\text{m}$
MTF	$> 0.3 @ 100\text{lp/mm}$
Distortion	$< 0.095\%$
Detector type:	

2/3' $8.8 \times 6.6$	$17.6 \times 13.2\text{mm}$
1/2' $6.4 \times 4.8$	$12.8 \times 9.6\text{mm}$
1/3' $4.8 \times 3.6$	$9.6 \times 7.2\text{mm}$

Undefined tolerance (mm)	degree	File Name			
X. X	$\pm 0.2$	$\pm 30\text{min}$	XF-MT05X110-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.