

Lens Specifications - 1.1" 6.5mm F/2.5, 12MP

Specifications	1.1"	1"	2/3"
Focal Length	f = 6.5mm		
Maximum diameter (Ratio)	F = 2.5 - 16		
Picture Size	10.6 x 14.1 mm	9.6 x 12.8 mm	6.6 x 8.8 mm
Angle			
- Vertical	78.7 deg	73.0 deg	53.5 deg
- Horizontal	95.7 deg	89.9 deg	68.1 deg
- Diagonal	109.1 de.	103.4 deg	80.8 deg
Distortion	-1.51%	-1.27%	-0.68%
FOV			
(@MOD) - Vertical	190mm	172mm	117mm
- Horizontal	256mm	231mm	157mm
- Diagonal	323mm	292mm	197mm
Minimum Focus Distance	0.1m		
Flange Focus	17.526mm in air		
Back Focus	10.9mm in air		
Filter Screw Size	M82x0.75		
Clear Aperture Front / Rear	Ø46mm / Ø18.5mm		
Mount	C-Mount		
Exit Pupil	-61.7mm		
Temperature Range	- 10 ~ + 50 deg. C		
Storage Temperature Range	- 20 ~ + 60 deg. C		
Resolution Center / Corner	160 lp/mm / 100 lp/mm		

OUTLINE



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES [MM]
AND INCLUDE CHEMICALLY
APPLIED OR PLATED FINISHES

PROPRIETARY AND CONFIDENTIAL

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SCALE: 1:1

WEIGHT: -

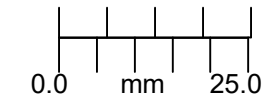
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CH BY: J. WILLIAMSON

PROJECT #:

DATE DR: 11/9/2018

0.0 inch 1.0



DO NOT SCALE DRAWING



LENS, 6.5mm, F/2.5, 1.1", 12MP C-MNT

SIZE

B

PART NUMBER

NMV-6M1.1

REV