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3.74mm FL, High Resolution, f/1.6, Micro Video Lens



Stock **#17-157** 4 In Stock

-

1

+

A\$139^{.00}

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General	
Long Working Distance Optimized Imaging Lenses	Series:
High Resolution	Note:
M12 Imaging Lens	Type:
No	IR Cut Filter:
Physical & Mechanical Properties	

Iris Option:	
Fixed	
Length (mm):	
29.70	
Maximum Diameter (mm):	
20	
Outer Diameter (mm):	
20	
Optical Properties	
Maximum Image Circle (mm):	
9.00	
Focal Length FL (mm):	
3.74	
Working Distance (mm):	
400 - ∞	
Aperture (f/#):	
f/1.6	
Lens Wavelength Range:	
VIS	
Sensor	
Maximum Sensor Format:	
1/1.8"	
Pixel Size (µm):	
3.45	
Threading & Mounting	
Filter Thread:	
N/A	
Mount:	
S-Mount (M12 x0.5)	
Regulatory Compliance	
RoHS 2015:	
Exempt	
Certificate of Conformance:	
View	
Reach 242:	
Contains SVHC(s)	

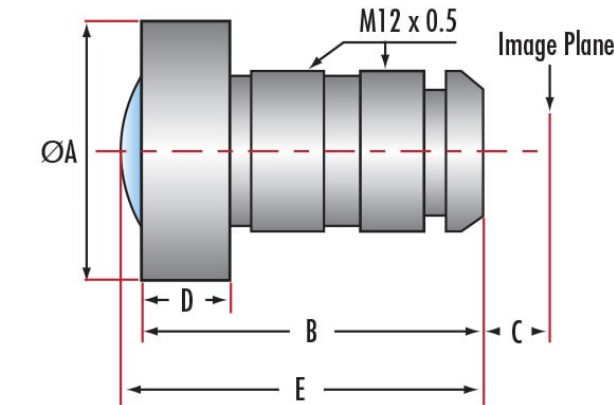
Product Details

- Up to 2/3", S-Mount Lens
- Wide Field of View Board Camera Lens
- 1.68mm to 50mm Focal Length

Long Working Distance Optimized Imaging Lenses are designed for use in micro sensor board cameras. These lenses provide excellent image quality in a small, versatile package. Optimized to cover 2/3" sensor formats, they are an ideal choice for wide angle and close focus applications. Long Working Distance Optimized Imaging Lenses have 1.68 to 50mm focal lengths. All lenses are threaded for M12 x0.5. Some models with Back Focal Distances (dimension "C") less than 4mm may be incompatible with some color cameras due to the camera's Bayer filter. We recommend such lenses for use with monochrome cameras only. Lenses are designed for the 400nm to 700nm range.

Note: A line of [M12 Imaging Lens Accessories](#) is available for these products.

Technical Information



Infinite Conjugate M12 Imaging Lenses



Units: mm
C-Mount Adapter (#53-675)

Stock #		Focal Length (mm)	Aperture (f/#)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
No-IR Cut Filter	IR Cut Filter @650nm							
#59-776	#66-880	1.68	2.5	15.0	13.2	3.3	2.8	15.1
#56-774	#66-881**	1.74	2.8	21.0	19.61	3.33	3.2	N/A
#64-106	-	1.9	2.0	17.0	14.58	4.2	4.0	15.24
#55-569	#66-883	2.1	2.0	17.0	18.3	4.8	3.7	19.4
#57-681	#66-884***	2.5	2.5	17.0	19.1	4.4	3.7	20.3
#55-570	#66-885	2.9	2.0	15.0	17.4	5.2	5.8	17.8
#59-778	#66-886	3.0	2.0	14.0	15.3	5.3	3.9	N/A
#57-684	#66-890	6.05	1.8	15.0	15.6	8.0	6.0	N/A
#55-573	#66-891	6.37	2.4	14.8	13.12	5.3	3.3	N/A
#55-574	#66-892	8.0	2.5	15.0	13.5	5.8	3.0	N/A
#63-762	#59-779	10.1	2.8	15.0	13.4	6.1	3.2	N/A
#65-251	#64-107	10.4	2.8	14.0	8.93	6.4	4.0	N/A
#56-775	#66-893	12.0	2.0	14.0	12.1	6.2	4.0	N/A
#64-108	#66-894	16.0	2.0	14.0	14.4	8.0	4.5	N/A
#83-107	-	16.0	4.0	14.0	14.4	8.0	4.5	N/A
#56-776	#66-895	25.0	2.5	25.0	23.2	8.1	6.7	N/A
#59-780	#66-896	35.0	2.0	25.0	23.4	15.8*	6.0	N/A
#59-781	#66-897	50.0	2.5	27.0	52.8	4.1	8.0	N/A
*Note: 35.0mm lens has a large flange focal length. Please make proper adjustments when mounting. **#66-881, B(mm): 20.49 ***#66-884, B(mm): 19.8, E(mm): 21								

Stock #	Focal Length (mm)	Aperture (f/#)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
#88-587	3.0	2.0	15.0	15.35	5.2	4	16
#88-588	3.5	2.5	15.0	15.4	6.9	4	N/A
#11-323	3.7	1.6	19	24.04	5.46	6.5	24.16
#11-324	4.0	1.8	20	23.8	5.01	7	24.72
#88-589	4.0	2.0	15.0	16.1	5.9	3.8	N/A
#88-590	4.3	2.0	22.0	20.96	5.5	6	21.93
#11-325	4.6	1.6	19	24.18	5.44	7	24.32
#88-591	4.6	2.0	12.0	13.1	1.9	6	N/A
#88-592	5.6	2.0	17.0	22.21	5.3	5	22.38
#89-750	6.0	2.0	14.0	15.1	6.7	3.93	N/A
#11-326	7.0	1.6	19	25.24	5.47	7.2	24.2
#89-751	8.0	2.0	15.0	14.4	6.8	4.5	N/A
#89-752	12.0	2.0	15.0	14.3	5.7	4.5	N/A