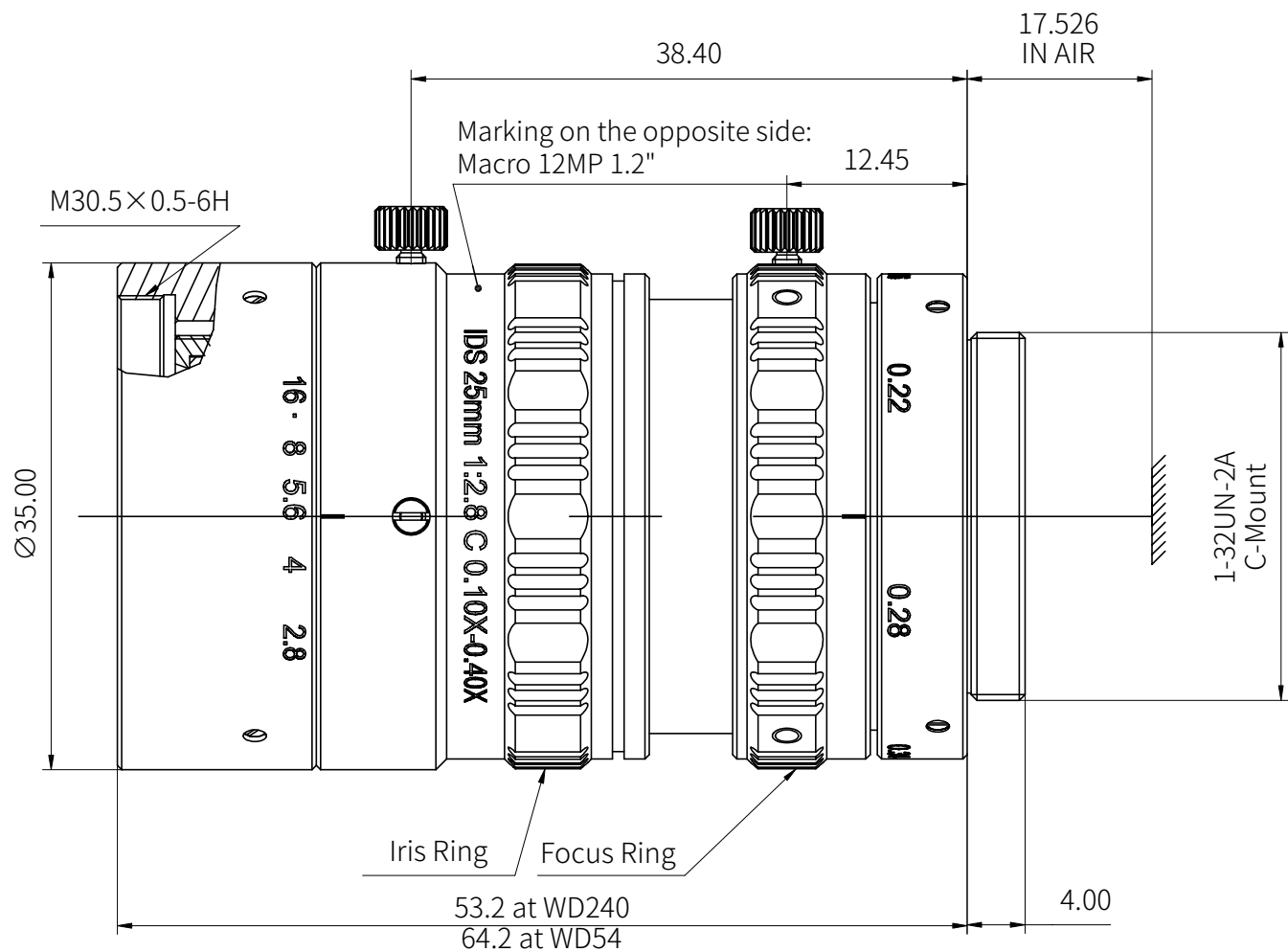
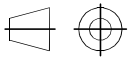


Optical Specification

Model		Lens,IDS,Ma-12M120-C2528,25mm,1.2"
Article Number		1012312
Resolution		3.45 μm
Mount		C-Mount
Sensor		Ø19.3(1.2")
Focal Length		25
Adjustion Type		Manual
F NO.		F2.8~F16
Working Distance		54~240 mm
TV Distortion		<0.10% at 0.400X
		<0.05% at 0.250X
		<0.05% at 0.100X
Weight		0.12 kg
Back Focal Length		15.28
Chief Ray Angle		12.13°
Effective Diameter	Front Ø(mm)	20.20
	Back Ø(mm)	16.00
Size		Ø35.00×64.2
Filter Thread		M30.5×0.5-6H
Working Temperature		-20°C~+60°C



	View Angle	 	Remark	Item	Signature	Date	 IDS Imaging Development Systems GmbH					
				Drawing								
	Standard Different	IT14		Design			Lens,IDS,Ma-12M120-C2528,25mm,1.2"					
				Check								
				Approve								
				Paper Size	A4							
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A		B		C		D									
1	Working Distance - Field of View									1					
	Sensor (D×H×V)		1.2" (19.3×16.7×9.4)	1" (16.0×12.7×9.6)	2/3" (11.0×8.8×6.6)	1/1.8" (9.0×7.2×5.4)	1/2" (8.0×6.4×4.8)								
	Angle (D×H×V)		42.2°×36.9°×21.3°	35.5°×28.5°×21.7°	24.8°×20.0°×15.0°	20.4°×16.4°×12.3°	18.2°×14.6°×11.0°								
	W.D.(mm)	Magnification	Field of View(H×V)(mm)												
	59.39	0.400X	41.8×23.5	31.8×24.0	22.0×16.5	18.0×13.5	16.0×12.0								
	62.63	0.380X	43.9×24.7	33.4×25.3	23.2×17.4	18.9×14.2	16.8×12.6								
	66.22	0.360X	46.4×26.1	35.3×26.7	24.4×18.3	20.0×15.0	17.8×13.3								
	68.17	0.350X	47.7×26.9	36.3×27.4	25.1×18.9	20.6×15.4	18.3×13.7								
	72.43	0.330X	50.6×28.5	38.5×29.1	26.7×20.0	21.8×16.4	19.4×14.5								
	77.25	0.310X	53.9×30.3	41.0×31.0	28.4×21.3	23.2×17.4	20.6×15.5								
2	82.72	0.290X	57.6×32.4	43.8×33.1	30.3×22.8	24.8×18.6	22.1×16.6			2					
	85.76	0.280X	59.6×33.6	45.4×34.3	31.4×23.6	25.7×19.3	22.9×17.1								
	92.53	0.260X	64.2×36.2	48.8×36.9	33.8×25.4	27.7×20.8	24.6×18.5								
	100.43	0.240X	69.6×39.2	52.9×40.0	36.7×27.5	30.0×22.5	26.7×20.0								
	109.77	0.220X	75.9×42.7	57.7×43.6	40.0×30.0	32.7×24.5	29.1×21.8								
	115.11	0.210X	79.5×44.8	60.5×45.7	41.9×31.4	34.3×25.7	30.5×22.9								
	127.48	0.190X	87.9×49.5	66.8×50.5	46.3×34.7	37.9×28.4	33.7×25.3								
	142.75	0.170X	98.2×55.3	74.7×56.5	51.8×38.8	42.4×31.8	37.6×28.2								
	162.08	0.150X	111.3×62.7	84.7×64.0	58.7×44.0	48.0×36.0	42.7×32.0								
	173.79	0.140X	119.3×67.1	90.7×68.6	62.9×47.1	51.4×38.6	45.7×34.3								
3	203.02	0.120X	139.2×78.3	105.8×80.0	73.3×55.0	60.0×45.0	53.3×40.0			3					
	243.74	0.100X	167.0×94.0	127.0×96.0	88.0×66.0	72.0×54.0	64.0×48.0								
4										4					
			View Angle		Remark	Item	Signature	Date	 IDS Imaging Development Systems GmbH						
					Drawing										
			Standard Different			Design			Lens,IDS,Ma-12M120-C2528,25mm,1.2"						
						Check									
						Approve									
	Copyright 2025 by IDS Imaging Development Systems GmbH All Rights Reserved		IT14			Paper Size	A4								
						Revised Date	2025.07.29		Scale		1:1	Page	2/2	Version	
A		B		C			D								