

A		B		C			D				
Optical Specification				Unit:mm							
Model		Lens, IDS, IDS-20M11-C1628, 16 mm, 1.1"									
Article Number		AE00388									
Resolution		2.4 μm									
Mount		C-Mount									
Sensor		φ17.6(1.1")									
Focal Length		16 mm									
Adjusion Type		Manual									
F NO.		F2.8~F22									
Working Distance		100~infinity									
Field Angle	1/2"(H x V x D)	22.62° x 17.06° x 28.07°									
	2/3"(H x V x D)	30.75° x 23.30° x 37.94°									
	1"(H x V x D)	43.29° x 33.40° x 53.13°									
	1.1"(H x V x D)	41.11° x 41.11° x 55.96°									
Distortion		<0.74% at WD200 <0.1% at WD500									
Weight		0.17 kg									
Back Focal Length		19.98 at WD100 17.58 at infinity									
Size		φ40 x 59.05									
Filter Thread		M37.5 x 0.5-6H									
Working Temperature		-20C°~+60°C									

Technical drawing of the IDS-20M11-C1628 lens. The drawing shows a side view of the lens assembly with various dimensions and labels. Key dimensions include: total length 59.05 mm, front flange diameter φ40.00 mm, front flange thickness 4.00 mm, distance from front flange to focus ring 46.58 mm, distance from focus ring to iris ring 10.75 mm, and distance from iris ring to C-mount 17.526 mm (IN AIR). The lens is labeled with 'M37.5x0.5-6H', 'Focus Ring', 'Iris Ring', and 'C-Mount (1-32UN-2A)'. The lens is also labeled with '22.18 5.6 4 2.8', '16mm 1:2.8 C 1.1"', and 'IDS'.

View Angle		Remark	Item	Signature	Date	IDS: IDS Imaging Development Systems GmbH					
			Drawing								
Standard Different			Design			Lens, IDS, IDS-20M11-C1628, 16 mm, 1.1"					
			Check								
IT14			Approve								
			Paper Size	A4							
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