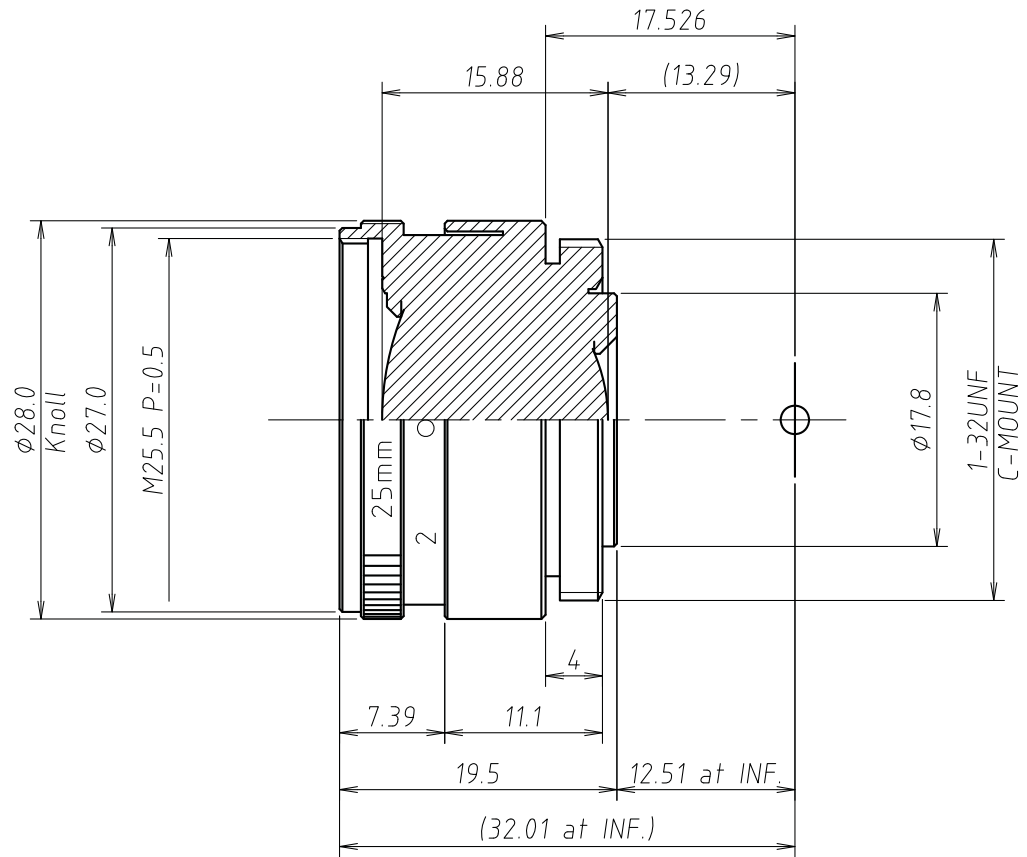


Lens Specification ($\lambda = 1050\text{nm}$)	
Focal length	24.17mm $\pm 5\%$
Back focal length	13.29mm $\pm 5\%$
Mechanical back	17.526mm $\pm 0.5\text{mm}$
Aperture ratio	F/1.6 $\pm 5\%$
Image size	1" CCD (9.6X12.8)
Magnification	-
Distortion	2.46%
Angle of view at INF.	
Vertical	22.28°
Horizontal	29.24°
Diagonal	35.88°
Resolution	
Center	80LP/mm
Corner	40LP/mm
Pupil positions	
Entrance pupil	15.69mm (Front lens)
Exit pupil	-18.50mm (Image plane)
Principal points	
Object space	8.44mm (Front lens)
Image space	-24.17mm (Image plane)
Coating ($\lambda = 800 \sim 1700\text{nm}$)	
All surfaces are antireflection coated. MgF2 single coated.	

Angle of view at INF.			
Image size	2/3" (6.6X8.8)	1/2" (4.8X6.4)	1/3" (3.6X4.8)
Vertical	15.49°	11.32°	8.51°
Horizontal	20.49°	15.03°	11.32°
Diagonal	25.36°	18.69°	14.11°

note:

This lens unit is designed for the use of light wave-length between 800 to 1700nm.



			TITLE	
			25mm F/1.6 CCD LENS	
			P/NO.	
			2516-CIR	
	07/01/2010		Mfg.NO. VS250B-Y01-0	SHEET 1 OF 1 REV A



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