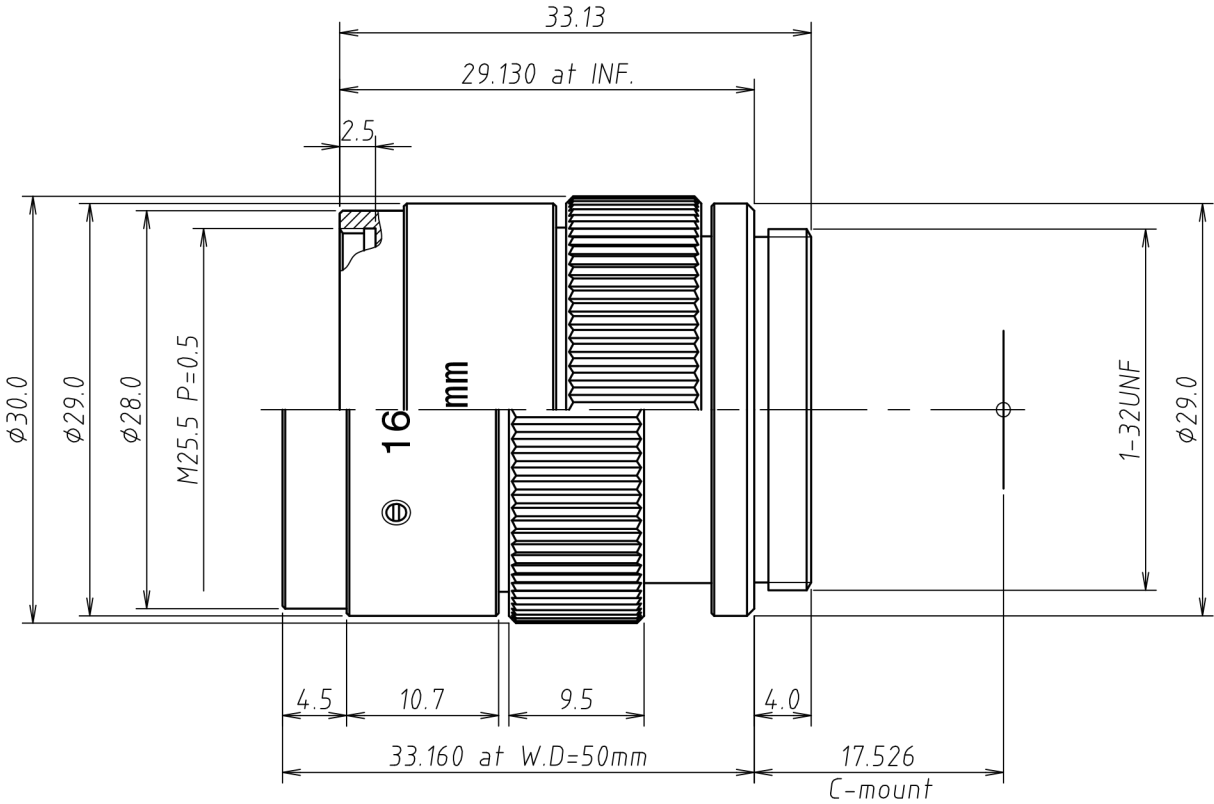



Lens Specification	
Focal length	16.0mm±5%
Back focal length	14.70mm±0.3mm at INF
Mechanical back	-
Aperture ratio	F/2.0 ±5%
Image size	1" (9.6mm×12.8mm)
Magnification	-
Distortion	+3.4%
Angle of view at INF.	
Vertical	33.3°
Horizontal	43.1°
Diagonal	51.8°
Resolution	
Center	125LP/mm
Corner(70%)	63LP/mm
Pupil positions	
Entrance pupil	15.75mm (Front lens)
Exit pupil	-32.36mm (Image plane)
Principal points	
Object space	23.85mm (Front lens)
Image space	-15.98mm (Image plane)
Coating (λ=550nm)	
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	23.3°	17.1°	12.8°
Horizontal	30.6°	22.6°	17.1°
Diagonal	37.7°	28.0°	21.2°

Note:  
The resolution stated above indicates  
the resolution at W.D.300mm by design



		UNIVERSE KOGAKU (AMERICA) , INC. 116 Audrey Avenue, Oyster Bay, New York 11771 Phone: (516)624-2444/Fax: (516)624-3109	
TITLE 16mm F/2.0 1"CCD LENS		DRAWN N.K.	
P/NO. VX670		CHECKED H.K.	
Mfg.NO. VX670A-Y01-0	UOI VX670A-Y01-0	SHEET 1 OF 1	REV A

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