

# SUPPLY SHEET

**DO-N111A**  
**1/4" VGA(CMOS)**

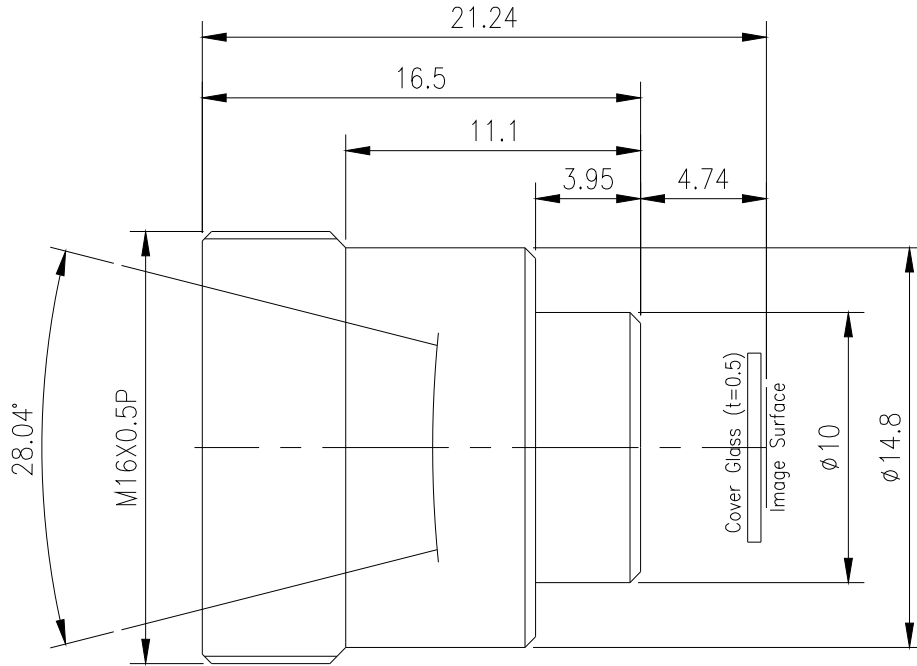
<b>CUSTOMER</b>	<b>APPROVED</b>		
<b>SUPPLIER</b>	<b>Charge</b>	<b>Judgment</b>	<b>Approved</b>

Date : 2011. 07. 08

 **Digital Optics Co., Ltd.**

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## Lens Specifications

**USE : 1/4" Automotive Lens (Night Vision System)**

Focal Length	9.0mm	
Relative Aperture (F/#)	2.0	
Sensor Image Size	Ø4.48mm (Max Image Circle : Ø4.88mm)	
Field Of View	28.04°(D), 22.6°(H), 17.05°(V)	
MTF (Design Value)	Center	55.9% ( at 70 lp/mm )
	0.7 Field	69.1%(R), 73.7%(T) (at 45 lp/mm)
Total Track Length	21.24mm (from Barrel top to image surface) (C/G t=0.5mm)	
Back Focal Length	5.26mm ( C/G t=0.5mm)	
TV Distortion	≤ 0.1%	
Chief Ray Angle(Max)	18.39° (at 1.0 Field)	
Relative Illumination	90.1%	
Construction	4 Glass	
Coating	AR Coating	
Lens Barrel	M16X0.5	