

SUPPLY SHEET

DO-N1110A

1/3" (1024 x 512)

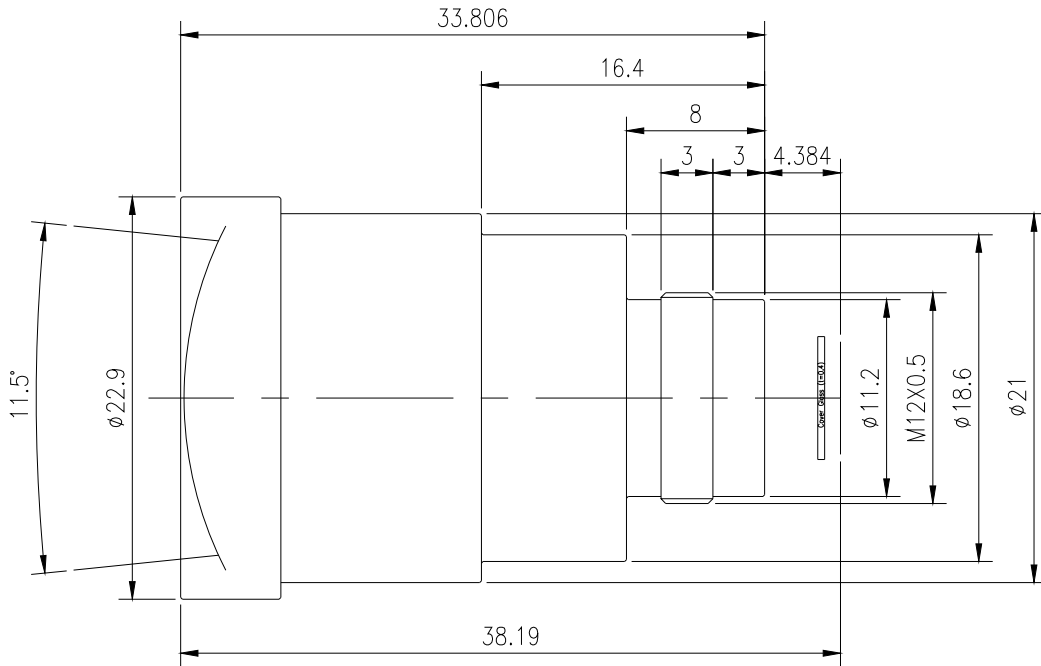
CUSTOMER	APPROVED		
SUPPLIER	Charge	Judgment	Approved

Date : 2011. 03. 14

 **Digital Optics Co., Ltd.**

RM 204, Sicox Tower, 513-14, Sangdaewon-dong, Jungwon-Gu, Seongnam-City, Kyonggi-Do, 462-120, Korea

TEL : 82-31-777-9861 FAX : 82-31-777-9864 <http://www.digitaloptics.co.kr/>



Lens Specifications

USE : 1/3" 1024 x 512 Automotive Lens (Night Vision System)

Focal Length	31.56mm	
Relative Aperture (F/#)	1.8	
Sensor Image Size	Ø6.42mm	
Field Of View	11.5°(D), 10.3°(H), 5.1°(V)	
MTF (Design Value)	Center	53.3% (at 90 lp/mm)
	0.7 Field	58.5%(R), 59.3%(T) (at 60 lp/mm)
Total Track Length	38.19mm (from Barrel top to image surface) (IR Pass Filter t=0.7mm, C/G t=0.4mm)	
Back Focal Length	6.31mm (C/G t=0.4mm)	
TV Distortion	≤ 0.5%	
Chief Ray Angle(Max)	8.61° (at 1.0 Field)	
Relative Illumination	76.3%	
Construction	5 Glass	
Coating	AR Coating	
Lens Barrel	M12X0.5	