

<u>TH17V3511-34</u>

- Cost effective lens for high volume application
- Designed for uncooled IR sensors
- •Optimized for the 8-12µm wavelength range



Zinc Sulfide Lens

Property	Value	Remarks
Optical		
Focal Length	35.0mm	
F/#	1.1	
Horizontal Filed of View	17.7° (A)∕13.0° (B)	
Image Circle	13.6mm	
Focus Adjustment	Manual	
Lens transmission (average)	0.74	wavelength 8-12µm
Coating Type	AR Coating*1	wavelength 8-12µm
Mechanical		
Weight	94g	
Lens Mount	Threaded	M34 × 0.5(Pitch)[mm]
Environmental		
Operating Temperature	-40° C to +80° C	Athermalized

*1 Environmental Test (MIL-F-48616)

Adhesion	Tape Test
Humidity	85° C /95%X1000h
Abrasion	Severe 20 stroke
Temperature Shock	-40°C to 100°CX1000cycle
High/Low Temperature	100° C X750h/-57° C X570h

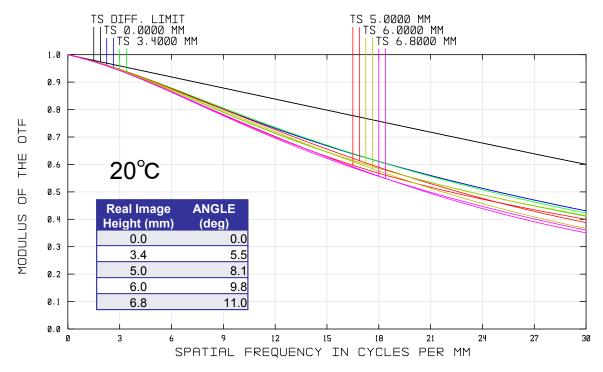
Туре	Pitch	Pixels
А	17µm	640x480(VGA)
В	25µm	320x240(QVGA)



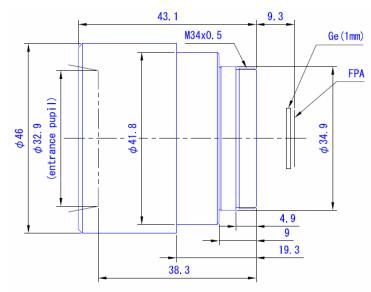
Specifications are subject to change without notice.



<u>MTF</u>



Dimensions



This is a special order item. Please contact customer service for pricing and availability. 2011.06 Specifications are subject to change without notice.

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