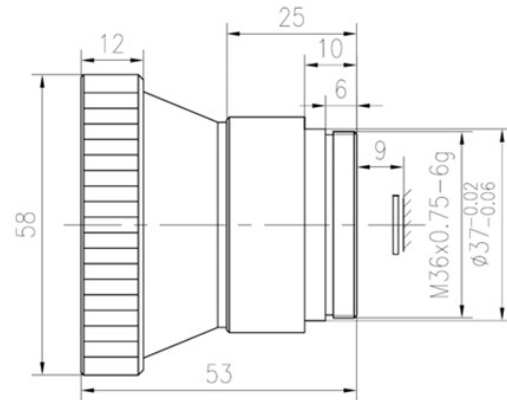


FIR1518 FL50mm f/1.0, Fixed (Adjustable) Focus



Property	Value	Remark
Optical		
Focal Length	50mm	
F/#	1.0	
Spectral Range	8~12μm	
Average Transmission (8~12μm)	≥88% (HC)	≥94% (HD)
Detector Type	384x288 20μm	
Back Focal Length	12 mm	
Filed of View (H x V)	8.8°x6.6°	
Mechanical		
Focus Mechanism	Manually adjustable	
Focus Range	8m~∞	
Weight	<110g	
Dimensions	Φ58x53mm	
Back work Distance	19mm	
Environmental		
Operating Temperature	-30℃ ~+50℃	
Storage Temperature	-40℃ ~+60℃	
Sealing	IP66-front lens only	

FOV						
FOV [deg]	160 x 120	320 x 240	336 x 256	384 x 288	640 x 480	640 x 512
25 μm	4.6° x 3.4°					
17 μm		6.2° x 4.7°	6.5° x 5°	7.5° x 5.6°		