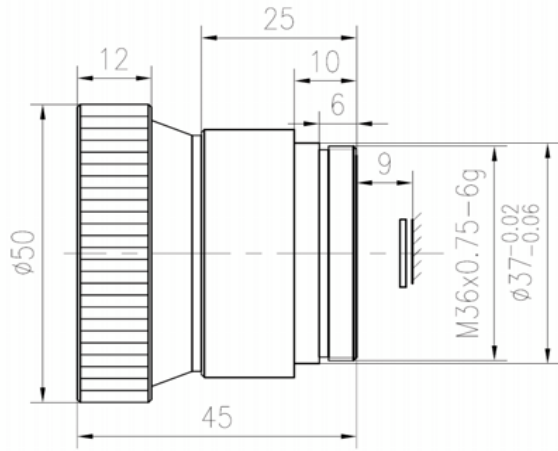


**FIR1517 FL42mm f/1.0, Fixed (Adjustable) Focus**



Property	Value	Remark
<b>Optical</b>		
Focal Length	42mm	
F/#	1.0	
Spectral Range	8~12μm	
Average Transmission (8~12μm )	≥88% (HC)	≥94% (HD)
Detector Type	384×288 20μm	
Back Focal Length	11 mm	
Filed of View (H x V)	10.5°×7.9°	
<b>Mechanical</b>		
Focus Mechanism	Manually adjustable	
Focus Range	6m~∞	
Weight	<95g	
Dimensions	Φ80×45mm	
Back work Distance	19mm	
<b>Environmental</b>		
Operating Temperature	-30°C~+50°C	
Storage Temperature	-40°C~+60°C	
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	5.5° x 4.1°					
17 μm		7.4° x 5.6°	7.8° x 5.9°	8.9° x 6.7°		