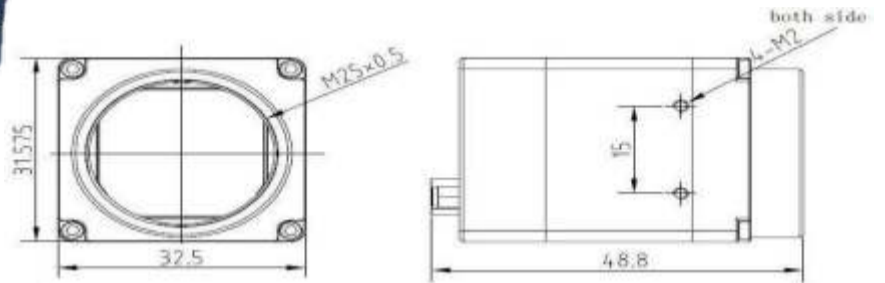




RA 384 Uncooled LWIR IR CORE



Performance	
Detector Type	Un-cooled Microthermal VOx FPA
N.E.T.D	≤40mK@30°C, #F1.0
Wave Range	8-14μm
Resolution	384x288
Pixel Size	17μm
Spatial Resolution	0.89mrad(19mm Athemalized Lens)
FOV/Minimum Focus Distance	19°x14°/1m(19mm Lens)
Environment	
Operating Temperature	-40°C to +55°C
Storage Temperature	-40°C to +70°C
Humidity	95% Non-condensing
Protection Rate	Ip45
Physical	
Weight	≤70g, Without Lens
Size	≤33mm(W)x32mm(H)x48mm(L), Without Lens
Interface & Electronics	
Interface	Can be customized
Power Supply	DC 3-10V
Analog Output	Combined: PAL@50Hz(NTSC@60Hz Optional)
Digital Output	Customized
Control	RS232(default), RS485, RS422
Focus	Support Two Focus Control Output, ≤10V≤500mA
Power Consumption	≤1.5W(Static)
Start Up Time	≤20s
Optional Accessories	
Lenses	13mm: 28°x21°/19mm: 19°x14°, and all popular lenses
DRI [Human: 1.7m x 0.6m]	
Detection	760m
Recognition	190m
Identification	95m

Note: Choosing lenses and interface type with different focal lengths will result in DRI values. Recognition values of 1500 mtrs can also be attained