



VEHICLE THERMAL IMAGING CAMERA



Uncooled FPA microbolometer of military level

Using Dali self-developed uncooled FPA microbolometer with pixel of 384X288, Products meet the military level, stable, reliable and secure.



Penetrates the darkness, smoke, fog, anti-glare

Passive infrared imaging, without any light source, normal viewing under night, rain, snow, fog and other inclement conditions.



Long detection distance, wide field of vision

Provide traffic information within 350 meters, not influence from the weather and glare.



IP67 protection

Ip67 encapsulation, with ammonia gas filled inside to ensure stability in complex environment.



Panoramic focus, clear images

Using focus-free lens, auto focus panoramic images without blurring



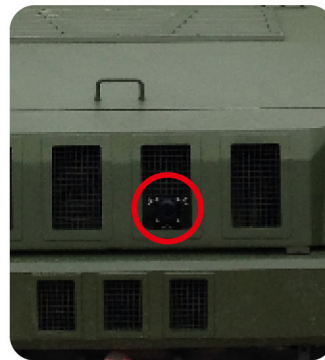
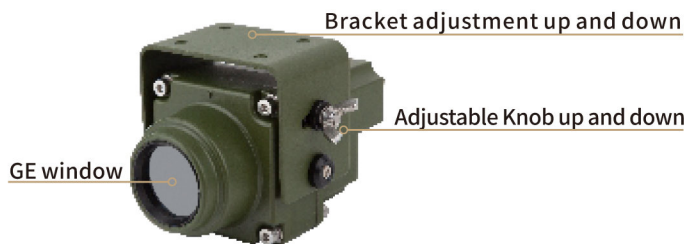
High-tech anti-shake technology, clearer for observation

Image stabilization technology to ensure the image displayed normally during vehicle operation, more convenient to observe.

Parameter

Model	EX-25
Detector type	Uncooled FPA microbolometer
Array size	384×288
Focal length	19mm,f1.0
Field of view	36°×27°
Spatial resolution (IFOV)	1.84mrad
Noise Equivalent Temperature Difference(NETD)	≤80mk@30°C
Frame rate	50Hz
Focus	Fixed,6mm to ∞
Spectral range	8-14um
Imaging process	Auto,shake proof process
Start Time	Output thermal image ≤30s@30°C
Extenal power	9-30VDC, Considering filtering circuit
Power consumption	<6w,10w
Operating temperature	-41°C~+70°C
Storage temperature	-55°C~+85°C
Humidity	Under the conditions of relative humidity 81% ,temperature +25, working for 6,500 hours
Encapsulation	IP67
Hitvibration	30g/11ms,Half sine wave,5 times/direction; 3-axis 6- directions (30g/6ms customizable)
Electromagnetic	Frequency:5~5.5Hz,25.4mm(p-p); Frequency:5.5~200Hz,1.5g;3 directions,3 times/direction,1Oct/min
Compatibility	Compatible with the system
Weight	<700g
Dimensions	<64×64×115mm(Excluded installing bracket and external cables)
Power interface	Yes
Video output	PAL

Actual range may vary depending on target size and radiation degree, lens specification environmental conditions.
Above approximate distances are just for reference only.



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