

TH384 Thermal Camera



TH384 vehicle-mounted thermal imaging night driving camera adopts an uncooled microbolometer sensor. It can output images stably under the environment temperature and can meet the military standard.

The product is designed according to national vehicle industry-standard QC/T413. The manufacturing process is controlled according to ISO/TS16949.

Detector	
Type	Uncooled FPA
Resolution	384x288
FOV	37.9°x28.5°
Focus	Fixed athermalized lens
Frame Rate	50Hz
Focal Length	Fixed (≥6m)
Spectral Range	8~14μm
Calibration	Auto
System	
Startup Time	Image output time≤10s@30°C

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Numero REA RM - 1669710

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Power	
External Power	DC 12~32V
Consumption	<6W
Reverse Polarity Protection	With power reverse and over-voltage protection
Environment	
Working Temp	-41°C~+65°C
Storage Temp	-55°C~+85°C
Humidity	≥6500 h under salt spray conditions at +25°C, Relative humidity of 81%
Protection Class	IP67
Shock Resistance	GJB150A-2009
Vibration Resistance	GJB150A-2009
Electromagnetic Compatibility	GJB151A
Physical parameters	
Weight	<700g
Size	<64×64×115mm (w/o brackets, external cables)
Interface	
Power Port	Yes
Video Output	PAL



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