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VOC$_S$ GAS THERMAL IMAGER

VOC-300

4.3" / 5" TFT touch screen

MCT detector

Gas cloud detection technology

NETD:≤10mK , Monitoring for smaller leaks

Better performance with ±2℃ as accuracny

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SPECIFICATIONS

Model	VOC-300
Detector type	Cooled FPA
Detector material	MCT
Spectral Range	3.2 - 3.4 μm
Detector resolution	320×256
Thermal sensitivity/NETD	≤10mk @30℃
Standard lens	18°x14°
Spatial resolution	0.82mrad
Focal length	30mm
Aperture	1.2
Depth of field	0.5m to infinity
Focus	Manual / Auto / Electric foucs
Optional lens	6°、12°、48°
Image frame rate (full window)	25Hz / 50Hz (optional)
Analysis	20 points/20 lines/20 boxes
GPS	support
Visible light performance	
Resolution	5MP , CMOS
Focus	Fixed
Flash	High power dual fill light
Image display	
OLED viewfinder	1024×768
LCD Monitor	4.3" touch screen, 480×272 / 5" touch screen, 800×480(optional)
Temperature measurement parameters	
Gas object temperature range	-20℃~60℃
Object temperature range	-20℃~410℃
Temperature measurement accuracy	±2°C or ±2% of readings
External interface	
Power supply	Lithium battery or DC-5.5mm (12V)
Storage interface	Dual SD card slot 32GB(standard)/higher storage(optional)
Video output	HDMI
Data interface	USB2.0 (standard), 4G/5G (optional)
Environment, physical parameters	
Operating temperature	-20℃~50℃
Working humidity	≤90%RH
Storage temperature	-40℃~70℃
Package level	IP54
Tripod mounting interface	UNC ¼"-20
Overall dimensions	297 mm× 198mm×180mm (L×W×H)
Weight	3.2kg (battery included)

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