

VOC_s GAS THERMAL IMAGER

VOC-300



4.3" / 5" TFT touch screen



MCT detector



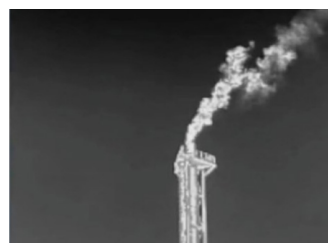
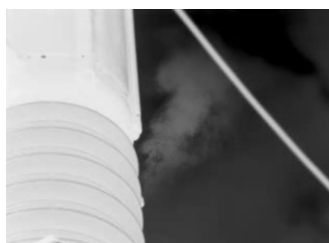
Gas cloud detection technology



NETD: ≤10mK , Monitoring for smaller leaks



Better performance with $\pm 2^{\circ}\text{C}$ as accuracy



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		$\leq 10\text{mk}$ @30°C
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 focus
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°C~60°C
Object temperature range		-20°C~410°C
Temperature measurement accuracy		$\pm 2^\circ\text{C}$ or $\pm 2\%$ 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°C~50°C
Working humidity		$\leq 90\%RH$
Storage temperature		-40°C~70°C
Package level		IP54
Tripod mounting interface		UNC 1/4"-20
Overall dimensions		297 mm× 198mm×180mm (L×W×H)
Weight		3.2kg (battery included)

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