

VOC_s GAS THERMAL IMAGER

VOC300



5" TFT touch screen



T2SLs or MCT infrared detectors



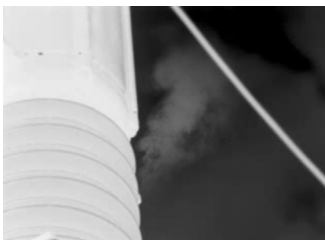
Gas cloud detection technology



NETD: ≤10mK , Monitoring for smaller leaks



Better performance with ±2°C as accuracy



SPECIFICATIONS

Model		VOC300
Detector type	Cooled FPA	
Detector material	T2SLs or MCT infrared detectors	
Spectral Range	3.1 - 3.5 μ m	
Detector resolution	320×256	
Thermal sensitivity/NETD	≤ 10 mk @30°C	
Standard lens	18°x14°	
Spatial resolution	1mrad	
Focal length	30mm	
Aperture	1.2	
Depth of field	0.5m to infinity	
Focus	Manual, electric, one-button autofocus	
Visible light		
Resolution	5MP , CMOS	
Focus	Auto Focus	
Flash	High power dual fill light	
Image display		
OLED viewfinder	1024×768	
LCD Monitor	5 inches, 800×480	
Temperature measurement		
Object temperature range	-20°C ~60°C (low temperature mode)	
Temperature measurement accuracy	$\pm 2^\circ\text{C}$ or $\pm 2\%$ of readings	
Infrared video		
Infrared video format	MP4 video / full temperature irv video stored in SD card	
Satellite positioning (optional)		
GPS	For outdoor use, the screen displays the latitude and longitude of the device's location, and the photos taken and saved can display the latitude and longitude in the analysis software	
External interface		
Power supply	Lithium battery (with a lifespan of at least 3 hours at room temperature) or DC-5.5mm (12V)	
Storage interface	SD card storage 32GB	
Video output	HDMI	
Data interface	USB2.0 4G-SIM card (optional)	
Environmental and physical parameters		
Working temperature	-20°C ~40°C	
Working humidity	$\leq 90\%$ RH	
Storage temperature	-40°C ~70°C	
Tripod mounting interface	UNC 1/4"-20	
Dimensions (length x width x height)	286mm× 154mm×167mm (L×W×H)	
Weight	≤ 2.5 kg (including battery)	