

G330 VOCs Gas Optical Thermal Imaging Camera



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MAKES THE WORLD MORE SECURE

PRODUCT PRESENTATION

VOCs Gas Optical Thermal Imaging Camera is a non-contact device, it can quickly scan VOCs natural gas pipelines and equipment, real-time and intuitively locate the VOCs gas leak points and accurately measure the temperature by thermal images, so as to achieve VOCs natural gas long-distance rapid detection of pipelines and equipment.



PRODUCT FEATURE

- High sensitivity cooled detector, sensitivity≤0.01 °C
- VOCs gas detection sensitivity ≤0.4g/hr (CH4)
 - High sensitivity mode Small gas leakage can be detected
- It can be used for VOCs gas imaging leak detection and thermal temperature measurement
- Pictures and videos are stored in SD card directly
- It is small in size and weighs only 2.8kg



- Intelligent operation
- Explosion-proof: EX Ex ic nC op is II C T4 Gc

APPLICATION SCENARIO

- Oil refinery
- Refinery
- Gas station
- Chemical treatment plant
- Hazardous chemicals parking lot
- Hazardous chemicals storage tank area
- Biogas power plants
- Natural gas power plants

- Offshore oil platforms
- Natural gas enterprises
- Natural gas stations
- Natural gas well sites
- Natural gas storage facilities
- Natural gas transmission pipelines
- Pharmaceutical enterprises
- Pesticide enterprises

- Safety Supervision Bureau
- Fire Bureau
- Maritime Safety Administration
- Ecological Environment Law **Enforcement Team**
- LDAR Testing Service Company
- City (County) Motor Vehicle **Exhaust Pollution**
- Pesticide plants



PRODUCT SPECIFICATION

Measurement mode movable line temp measure, isothermal analysis, temp difference measure, temp atem (sound, color) Measurement accuracy 0-100 C accuracy ± 2 °, 20 C - 0 C or >+100 C accuracy ± 2 °, Measurement accuracy 0-100 C accuracy ± 1 C , 20 C - 0 C or >+100 C accuracy ± 2 °, Emissivity correction Auto/Manual Emissivity correction Auto faccording to the input background temp) Atmospheric transmissivity correction Auto faccording to the input background temp) Atmospheric transmissivity correction Auto faccording to the input background temp) Atmospheric transmissivity correction Auto faccording to the input background temp) Atmospheric transmissivity correction Auto faccording to the input background temp) Memory card 1286 Storage method Auto/manual single frame image or dynamic recording Single frame visible image format JPEC, with 14-Bt tmeasured data image Video storage method HD videos are stored in the memory card in MPEG4/H.264, each segment can be up to 1h Video storage method GBS Laser classification Class 2 Laser dealification Class 2 Laser vole dealification Single frame image Correction <th>ltem</th> <th></th> <th>G330</th>	ltem		G330
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Indicator Description Laser wavelength 635mm red Laser wavelength 635mm red Laser wavelength 635mm red Power interface Yes SD card slot Yes Video output HDMI Communication Interface WIFL, Bluetooth, USB Audio output Yes Tripod 1/4"_20 Battery type Lithium battery, rechargeable Operating time 3h continuous (room temperature) External power DC: 14V Charging type Smart charging stand or DC14V 3A power adapter Power saving Yes Operating temperature range -20 C ~+50 C Storage temperature range -30 C ~+60 C Humidity ≤95% (non-condensing) EMC EN61000-6-2x. FCC47CFR Part15 classAx. EN61000-4.8, L5 Vibration 26 (IEC60068-2.29) Protection level IP54 (IEC60529) Explosion-proof Ex is n C op is 11 C T4 Gc Physical data Size 262mm (L) x174mm (W) x154mm (H) Weight ≤2 8kg(wit			
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Packing Standard vehicle power converter, SD card, card reader, software CD, warranty card,	Physical data		
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* This manual is for reference only. Due to product updates and improvements, contents and parameters are subject to change without notice.