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EOC-GDIC-V330

OGI Infrared Camera for Gas Leak Detection

EOC-GDIC-V330 has unmatched gas leak detection capabilities. It can trace the smallest leakage of more than 400 kinds of VOCs gases, such as methane, ethanol, gasoline, benzene, etc. The spectral response of the camera is $3.2 \mu\text{m} \sim 3.5 \mu\text{m}$.

With the HOT MWIR OGI Infrared detector, the EOC-GDIC-V330 enables users to quickly pinpoint the failure and give clear vision of leaking gases. EOC-GDIC-V330 can scan large areas rapidly and pinpoint leaks in real time. It is ideal for monitoring plants that are difficult to reach with a contact measurement tool and it can accurately locate the source of leakage or discharge, greatly improving the efficiency of leak detection.



Features:

Identify the precise locations of noncompliance; Unmatched gas detection.

HOT MWIR OGI Infrared Detector; Low power consumption; Long cooler life.

With video and voice recording, snapshot functions.

SPECIFICATIONS

Item		Specifications	Item		Specifications
DETECTOR	Detector type	High Operating Temperature (HOT) Mid-wave T2SL, Longlife	DIGITAL VISUAL CAMERA	Imaging sensor	1/2.7in. CMOS
	IR resolution	320*256		Resolution	1920x1080
	Spectral response	3.2~3.5 μ m		Focal Length	8mm
	Detector pitch	30 μ m		FOV	40° x 30°
	NETD	\leq 12mK		Image modes	Visible/IR image
LENS	F-number	1.2	IGIMAGE	Digital image enhancement	Edge enhancement and detail enhancement
	FOV	15.6° x 12.5°		Zoom	1 - 8 x continuous, digital zoom
	Minimum focus distance	1.5m		Snapshot	Yes
	Focus	Manual		Palettes	13: white hot; black hot; iron...
INTERFACE	Video output	HDMI	VIDEO	Video Recording	Yes
	Data Protocol	USB		Video format	H.264/MJPEG
	Memory Storage	SD card		Image preview	Support thumbnail navigation
	Power supply	DC12.6V/3A		Start-up time	$<$ 5min
POWER SYSTEM	Battery type	Rechargeable Li-ion battery	EXTRA DATA	Sensor cooler	Stiring cooler
	Battery operating time	$>$ 3.5 hours at 30° C and typical use		LCD display	8 in. touch screen; 1280 x 800
ENVIRONMENTAL DATA	Operating Temperature Range	-30°C~+50°C	PHYSICAL DATA	Weight	\leq 3.8kg*Battery included
	Storage Temperature Range	-40°C~+70°C		Cameras size, incl. lens (L x W x H)	295*120*155mm
	Humidity	\leq 95°C (no condensation)			
DETECTABLE GASES:	400+ compounds such as: Methane, Acetic acid, Benzene, Butadiene, Butene, Butane, Dimethyl-Benzene, Ethane, Ethylene, Ethyl benzene, Ethylene oxide, Hexane, Heptane, Isobutylene, Isopropyl alcohol, Isoprene, Methanol, MEK Methyl Ethyl Ketone, Octane, Pentene, Propane, Propana				

Note: The above data are typical values. Parameters are subject to change until further notice.

APPLICATIONS



Natural Gas



Tank Leaks



Transmission Pipes



Visualization of fugitive emissions leaks