



Electro Optical Components, Inc.

5464 Skylane Boulevard, Suite D, Santa Rosa, CA 95403

Toll Free: 855-EOC-6300

www.eoc-inc.com | info@eoc-inc.com



EOC-GDIC-330

OGI Infrared Camera for Gas Leak Detection

EOC-GDIC-330 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-330 enables users to quickly pinpoint the failure and give clear vision of leaking gases. EOC-GDIC-330 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	≦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× continuous, digital zoom
	Minimum focus distance	1.5m		Snapshot	Yes
	Focus	Manual		Palettes	13: white hot; black hot; iron...
	Video output	HDMI		VIDEO	Video Recording
Data Protocol	USB	Video format	H.264/MJPEG		
Memory Storage	SD card	Image preview	Support thumbnail navigation		
Power supply	DC12.6V/3A	EXTRA DATA	Start-up time		<5min
POWER SYSTEM	Battery type		Rechargeable Li-ion battery	Sensor cooler	Stiring cooler
	Battery operating time	> 3.5 hours at 30°C and typical use	PHYSICAL DATA	LCD display	8 in.touch screen; 1280 × 800
ENVIRONMENTAL DATA	Operating Temperature Range	-30°C~-+50°C		Weight	≦3.8kg*Battery included
	Storage Temperature Range	-40°C~-+70°C		Cameras size, incl. lens (L × W × H)	295*120*155mm
	Humidity	≦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				

APPLICATIONS

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



Natural Gas



Tank Leaks



Transmission Pipes



Visualization of fugitive emissions leaks