



Model: V340

OGI Infrared camera for gas leak detection

The KT V340 Optical Gas Imaging (OGI) camera offers its users unmatched gas leak detection capabilities. This OGI camera can detect the smallest leaks of more than 400 different VOC gases such as methane, benzene, ethanol, and gasoline just to name a few. The V340 has a spectral response from 3.2 μ m to 3.5 μ m wavelength.

The V340 integrates KT Photonics' most advanced High Operating Temperature (HOT) mid-IR OGI infrared detector enabling users to quickly visualize gas leaks and to accurately pinpoint the source. With real-time crystal-clear images, users can confidently scan large industrial areas rapidly, thus improving the efficiency of leak detection and repair operations.

The KT V340 OGI Camera Key Features :

- 1.) Exceptional Image Quality to accurately & quickly identify leak locations.
- 2.) Advanced HOT MWIR Infrared detector. High Sensitivity, Low power, Whisper Quiet Cooler with extended operating life.
- 3.) Live scenes display with gas leak plume overlay. On-board video & voice recording, snapshot function.

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SPECIFICATIONS

Item		Specifications	Item		Specifications
DETECTOR	Detector type	High Operating Temperature (HOT) Mid-wave T2SL, Long-life	DIGITAL VISUAL CAMERA	Imaging sensor	0.49 inch OLED
	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	≤ 15 mK		Image modes	Visible/IR image
LENS	F-number	1.2	IGMAGE	Digital image enhancement	Edge enhancement and detail enhancement
	FOV	24.5°x20°		Zoom	1 - 8x continuous, digital zoom
	Minimum Focus distance	1.0 m		Snapshot	Yes
	Focus	Manual		Palettes	8: white hot, black hot, iron...
INTERFACE	Video output	HDMI	VIDEO	Video Recording	Yes
	Data Protocol	USB		Video format	Infrared video: MP4
	Memory Storage	SD card		Image preview	Support thumbnail navigation
	Power supply	DC 12.0V	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	5.5 inch screen: 1920 x1080
ENVIRONMENTAL DATA	Operating Temperature Range	-10°C~+50°C		Weight	≤ 2.8kg Battery included
	Storage Temperature Range	-40°C~+70°C		Camera size, Incl. lens (L x W x H)	311 x196 x195mm
	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, Propane				

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

-KT-V330-2206V0