



Non contractual picture

OGI PORTABLE CAMERA GASVIEWER GV-P 3234-GEN3

To see gas leaks invisible to the naked eyes. For fugitive emissions detection, localization, visualization, and quantification (optional). Gases « appear » in real time as fumes on the built-in screen. Approved as Smart LDAR Equipment in EPA method 21 and EN15446 regulations.
Safe for hazardous areas.

ACCURACY

- Cooled detector technology allows to find leaks as low as 0,35 gr/hr. for CH₄ at 2m distance.

CAMERAS MODES

- Color (5 Mega pixels camera with low light mode)
- Infra-red (Cooled high sensitivity detector)
- 10 levels of gas detection enhancement, for highest sensitivity
- Thermography

DISPLAY

- 5" embedded touchscreen display, with image in image color video for situation awareness

ADVANCE FEATURES

- Electronic image stabilization and background enhancement, to facilitate the gas detection by the operator
- Quantification (optional)

CONNECTIVITY

- WIFI HOTSPOT: To connect to an external screen, for video streaming in real time, or to our quantification tablet GV-Q-3234 (optional).
- BLUETOOTH:
- GPS

SAFETY CERTIFICATION

-  II3GD
- Ex ec nC IIC T6 Gc
- Ex tc IIC T85°C Dc

OGI camera GASVIEWER GV-P 3234- GEN 3 FOR VOC

OGI (Optical Gas Imaging) camera is vital in keeping your employees, your site, and the environment safe.

Our GV-P-3234 saves time in the search for fugitive gas leaks and provides confidence that the inspected equipment is free from leaks of Hydrocarbons, volatile organic compounds (VOC) or other gases (list of gases in the datasheet).

Optical Gas detection Camera is ideal for facilities with flammable materials and combustible storage areas that are sensitive to gas emissions such as refineries, petrochemical plants, tank farms, gas compression station, gas transportation, biogas plants...

It can detect small and big leaks, leaks from distance, leaks under insulation, underground leaks, unexpected leaks...



DATA SHEET

IMAGING PERFORMANCE	
Thermal Imager	
THERMAL SENSITIVITY	<12mK@25°C
F #	1.2
FIELD OF VIEW	15.6° with 35 mm lens
FOCUS NEAR	<0.5m
FOCUSING	Manual
Digital Video Camera	
EMBEDDED DIGITAL VIDEO CAMERA	1280 x 720 – 5 M pixel camera with interior/exterior mode for situational awareness even in low light
DETECTOR	
TYPE	Cooled high sensibility 320 x 256 pixels
SPECTRAL RANGE	3.2 – 3.4 μm
POWER INPUT	
VOLTAGE	12 VDC
POWER CONSUMPTION	25 W
BATTERY LIFE	>4.5 hours continuous operation
PHYSICAL CHARACTERISTICS	
WEIGHT	2.5 kgs
SIZE IN (LXHXW)	230 x 160 x 160 mm
INTERFACE	Tripod mounting UNC 1/4", rotation safe
THERMOGRAPHY(OPTIONAL)	
MEASUREMENT	Spot temperature measurement
RANGE	-20°C to +350 °C
ACCURACY	At Least ± 1°C (0 – 100 °C), ± 2% (> 100 °C), ± 2°C (-20 – 0 °C)
COLOR PALETTES	Black and White, Iron Bow Rainbow, Steel, Hot Metal
ADVANCE FEATURES	
IMAGE STABILIZATION	Electronic image stabilization
BACKGROUND ENHANCEMENT	Improve background details
VIRTUAL KEYBOARD ON SCREEN	To save the leaking equipment tag number directly on the video and in the video file name
GAS QUANTIFICATION	Quantification using GasViewer tablet GV-Q-3234 connected GasViewer camera through Wifi
DISPLAY	
DISPLAY UNIT	5" TFT, touchscreen 800 x 480
GAS LEAK DETECTION PERFORMANCE	
OPERATION FEATURES	Auto Mode and 10 High sensitivities Mode
DETECTED 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, Propanol


ENVIRONMENTAL CONDITIONS	
OPERATING TEMPERATURE RANGE	-20°C to +50°C
STORAGE TEMPERATURE RANGE	-40° to +70°C
TEMPERATURE AND HUMIDITY	IEC 60068-2-30 Temp. +25°C / +40°C Humidity 95% RH
WATER AND DUST PROTECTION	IP65 - Blowing Dust test IP65 - Jetting Water
HALT - HIGH ACCELERATED LIFE TEST	Vibration level: Max temp: 55 deg. Min temp: -20 deg
SAFETY	EN60950-1:2006
CERTIFICATIONS	 Ex ec nC IIC T6 Gc Ex tc IIIC T85°C Dc
DIGITAL VIDEO AND AUDIO RECORDING	
VIDEO AND AUDIO RECORDING	MP4 videos and JPEG photos recording in all modes
SNAPSHOT CAPABILITIES	Snapshot command generates a .jpg file on any of the available modes
STORAGE	Up to 40 hours of video storage over a 128 GB solid state memory
COMMUNICATION INTERFACES	
USB	UCB-C data transfer, video streaming and video images file transfer
WI-FI	2.4 GHz for video streaming and file transfer
BLUETOOTH	Bluetooth 5.1 with external devices
GPS	GPS using, GPS, Galileo or Glonas positioning system
SUPPLIED ACCESSORIES	
Battery Pack, Battery Charger, USB Cable, Neck strap, Glare Shield, Carrying Case, Cleaning Kit.	



Figure 1

With your naked eye

Figure 2

With GV-P-3234



«We see, what you can't see»



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Do not hesitate to contact your local representative: