



-  ATEX Certified
-  EPA Compliant
-  Gas Enhancement Mode
-  BUILT-IN Quantification
-  Plume Colorization
-  16X Digital Zoom

COMPASS V340 Handheld OGI Camera for Gas Leak Detection

The Cantronic's **COMPASS V340 Optical Gas Imaging (OGI)** handheld camera offers unmatched gas leak detection capabilities. This OGI camera can detect the smallest leaks of more than 400 different VOC gases (including methane) and has a spectral response from 3.2 μ m to 3.5 μ m wavelength.

The **COMPASS** integrates **KT Photonics'** most advanced **High Operating Temperature (HOT) mid-wave-IR OGI (MWIR)** detector, giving the ability to quickly visualize gas leaks and to accurately pinpoint the source. With real-time crystal-clear images, users can scan large industrial areas rapidly, improving the efficiency of leak detection and remedy operations.

- Compliant with EPA's OOOOa/b/c regulatory standards
- GPS, Wi-Fi, and Bluetooth wireless capabilities
- On-screen thermal imaging tools for temperature measurements
- Exceptional service and support, with free firmware updates

	V340
Detector	Detector Technology High Operating Temperature (HOT) Mid-wave T2SL, Long life
	Resolution 320x256
	Detector Pitch 30µm
	Spectral Response 3.2~3.5 µm
	Thermal Sensitivity/NETD ≤12mK
	Aperture f/1.2
	Lens 22.5mm
Lens	Field of View/FOV 24°x19.2°
	Focus Manual / Automatic
Interface	Video Output Mini HDMI
	Data Output USB-C Port
	Memory Storage Micro SD Card, Internal Storage
Power System	Power Supply Rechargeable Li-ion Battery; 7.4V
	Battery Operating Time >3.5 h at 30° C and Typical Use
	Charging Type Charger
Environmental	Operating Temperature Range -20°C to +50°C
	Storage Temperature Range -40°C to +60°C
	Humidity ≤95°C (No Condensation)

	V340
Visual Camera	Imaging Sensor 1/2.7" CMOS
	Resolution 16 Million Pixels
	Lens 8 mm
Image	Field of View/FOV 40° x 30°
	Image Modes Visible / IR Image
	Digital Image Enhancement Edge and Detail Enhancement
	Zoom Yes (16x)
	Snapshot Yes
Video	Palettes 6
	Video Recording Yes
	Video Format MP4
	Image Preview Support Thumbnail Navigation
Extra Data	Cool-down Time <5 min
	Capacity Check Real-time Display of Battery Level
Physical Data	LCD Display 5.5 inch Screen: 1920x1080
	Weight ≤2.8 kg
	Camera Size Including Lens (LxWxH) 311x196x195 mm
	Lens Size 80mm x 55mm

400+ Detectable Gases

- Methane
- Propane
- Benzene
- Butane
- Ethanol
- Ethane
- Heptane
- Hexane
- Acetic acid
- Butadiene
- Ethylene
- And more...

Applications for Oil and Gas Facilities:

- Inspection of: Pipelines, Valves, Flare Stacks, Offshore Platforms, Storage Tanks, etc.
- Real-Time Leak Detection During Maintenance
- Environmental Regulation Enforcement
- Safety and Hazardous Area Monitoring
- Emergency Response and Crisis Management

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