



- ATEX Certified
- EPA Compliant
- Gas Enhancement Mode
- BUILT-IN Quantification
- Plume Colorization
- GPS Location
- 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 $\mu$ m to 3.5 $\mu$ 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	≤10mK
	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
	Field of View/FOV	40° x 30°
Image	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
Extra Data	Image Preview	Support Thumbnail Navigation
	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