



M330

Fixed OGI Camera for VOCs and Methane Gas Leak Detection

Cantronic System's models **M330** fixed **OGI** cameras, used for on-line, real-time VOCs and methane gas leak detection.

The system comes in a pan/tilt dual vision arrangement and it provides 24/7 visualization and detection of gas leaks. The camera is made of corrosion resistant 304 stainless steel that ensures the safe and stable operation of the equipment in demanding environments.

The dual vision image of gas leak can be observed through a network. It is ideal for monitoring and detect **VOCs** and methane gas leaks, identifying their source and locations in industries and facilities such as: refineries, oil and gas storage tanks, natural gas storage and transportation facilities, chemical/petrochemical plants, biogas plants and power stations.

M330 uses a high sensitive **320x256** pixels **HOT T2SL** cooled **OGI** detector.

- Visualize gas leak
- Video evidence for reports
- Non-destructive and non-contact inspection
- Intelligent analysis platform

Infrared Camera	
Detector type	HOT T2SL Cooled Detecor
Resolution	320x256
Pixel pitch	30µm
Spectral response	3.2~3.5 µm
NETD	≤15mK
F number	1.2
Focal length	35mm
FOV	15°x12°
Cool-down time	≤5min
Visible Camera	
CMOS sensor	1/2.8"
Resolution	1920x1080
Minimum illumination	Color 0.05lux (F1.6, AGC ON) Black & white 0.01lux (F1.6, AGC ON)
Focal length	4.8-120mm
Zoom	Optical zoom x25 times
Frame Rate	PAL: 25fds/50fps NTSC: 30fps/60fps
Pan/tilt	
Horizontal pan range	360° rotation
Vertical tilt range	+45°~-90°
Horizontal pan speed	0.1°~40°/s
Vertical tilt speed	0.1°~40°/s
Resolution	<0.1°
Presets	255
Cruise Scan	8, 32 cruise sites
Communication interface	RJ45x2
Working temperature	-40°~65°
Humidity	≤90% RH (without condensation)
IP rating	IP68 (1.2m/45min)
Explosion proof	Exd II C T6 Gb
Power supply	DC 24V
Weight	≤26 KG
Size	468x330x418mm

Detectable gases

400+ compounds: Methane, Acetic acid, Benzene, Butadiene, Butene, Dimethyl-Benzene, Ethane, Ethylene, Ethyl Benzene, Ethylene oxide, Hexane, Heptane, Isobutylene, Isopropyl alcohol, Isoprene, Methanol, MEK, Methyl Ethyl Ketone, Octane, Pentene, Propane, Propana.



POLYTEC GmbH
T: +49 (7243) 604-4540

Polytec-Platz 1 - 7
Fax: +49 (7243) 699 44

D-76337 Waldbronn
E-Mail: wl@polytec.de

GERMANY
www.polytec.de