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## **EOC-GDIC-M330 / M630**

### **Fixed OGI Infrared Camera for VOCs & Methane Gas Leak Detection**

EOC-GDIC-M330 and -M630 models are fixed OGI cameras used for online real-time VOCs and methane gas leak detection. The system comes in a pan/tilt dual vision arrangement. It is designed for 24/7 real-time visualization and detection of gas leaks. The camera is made of corrosion resistant 304 stainless steel to ensure the safe and stable operation of the equipment in demanding environments.

EOC-GDIC-M330 uses a high sensitive 320x256 pixels HOT T2SL cooled OGI detector while EOC-GDIC-M630 uses a 640x512 pixels HOT T2SL OGI detector. The dual vision image of gas leak can be observed in real-time through a network.

It is ideal for detecting VOCs and methane gas leaks as well as identifying their sources and locations in process 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.



#### **Key Features:**

- Visualization of gas leak
- Available videos to obtain evidence
- Non-destructive non-contact inspection
- Intelligent analysis platform

# Specifications :

Infrared Camera				
Detector Type	HOT T2SL Cooled Detector		F Number	1.2
Resolution	320x256	640x512	Focal Length	35mm      50mm
Pixel Pitch	30 μ m	15 μ m	FOV	15° × 12°      11° × 9°
Spectral Response	3.2~3.5 μ m		Cool-down time	≤5mins
NETD	≤15mk	≤20mk	Frame Rate	Maximum 120Hz

Visible Camera			
CMOS Sensor	1/2.8"	Focal Length	4.8-120mm
Resolution	1920x1080	Zoom	Optical Zoom X25 times
Minimum Illumination	Color 0.05lux(F1.6,AGC ON) Black & White 0.01lux(F1.6,AGC ON)	Frame Rate	PAL:25fps/50fps NTSC:30fps/60fps

Pan / Tilt			
Horizontal Pan Range	360° Rotation	Working Temperature	-40°C~65°C
Vertical Tilt Range	+45° ~ -90°	Humidity	≤ 90% RH (without condensation)
Horizontal Pan Speed	0.1° ~ 40° /s	IP Rating	IP68(1.2m/45min)
Vertical Tilt Speed	0.1° ~ 40° /s	Explosion Proof	Exd II C T6 Gb
Resolution	<0.1°	Power Supply	DC 24V
Presets	255	Weight	≤26KG
Cruise Scan	8, 32 cruise sites	Size	468x330x418mm
Communication Interface	RJ45x2		

\* Specifications subject to changes without notice.  
BR-MX30-2023V1