

EyeCGas 24/7 Pro

DETECTION, EMISSION RATE QUANTIFICATION, SOURCE LOCALIZATION



FEATURES

- Site Level Continuous Emission Monitoring
- Bi-channel camera to rule out False Positive alerts
- Reduce the influence of environmental conditions
- Dedicated Management Software
- Cooled Dual Spectrum OGI technology
- Pan & Tilt Mounting
- Wide Coverage
- Real Time Alerts

SPECIFICATION

MWIR Core	
Thermal Sensitivity	< 10mK@ 25°C
Pixel Pitch	30µm
Field of View	18.5° X 13.6°
Focus	Fixed Focus
Accuracy	+/-1°C (from -10°C to +60°C)
Detector	MCT (3-4.4 µm)
FPA	320 x 240 pixels
Spectral Range	3.3 - 3.6 µm
LWIR Core	
Thermal Sensitivity	< 50mK@ 25° C
Pixel Pitch	17µm
Field of View	18.5° X 13.6°
Focus	Fixed Focus
Accuracy	+/-1°C (from -10°C to +60°C)
Detector	Microbolometer
FPA	288 x 384
Spectral Range	8 – 12 µm

Visible Camera	
Resolution	2065 x 1533 @ 30fps
Frame Rate	30 fps
Sensor	1/2.8" Progressive CMOS, 3MP
Optical Filter	Automatic removable IR cut filter for low light
Sensitivity	Color: 0.04 lux, B/W: 0.002 lux
General	
Voltage	12 VDC - 48VDC
Power Consumption	20W
Operating Temperature	-20°C to +50°C
Storage Temperature	-40°C to +71°C
Pan Angle	360° (continuous rotation)
Pan Speed	0 – 40°/second
Pan Torque	20Nm (limited with safety device)
Tilt Angle	180° (+/-90°)
Tilt Speed	0 – 20°/second
Tilt Torque	20Nm (limited with safety device)