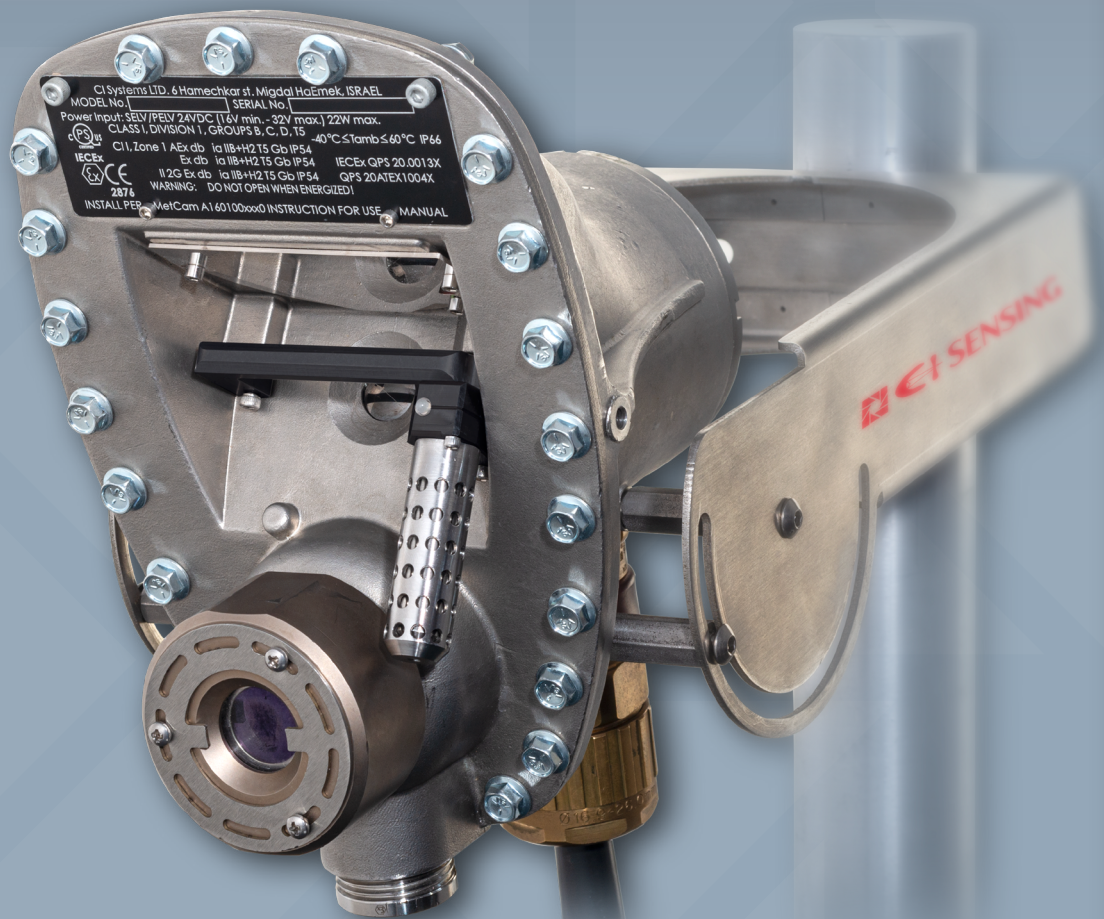


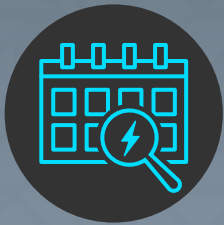
METCAM

Continuous Quantitative Optical Gas Imaging System



ARE YOU AWARE OF THE EMISSIONS LEAVING YOUR SITE?

Emissions are:



Unpredictable



Costly



Dangerous



Harmful

IDENTIFY AND VISUALIZE YOUR EMISSIONS AS THEY HAPPEN WITH METCAM

MetCam offers:



Continuous
monitoring



Gas Cloud
Quantification



HazLoc
Compliance



Cost
Effective

BUILT TO ENDURE HARSH CONDITIONS FOR LONG-LASTING SERVICE

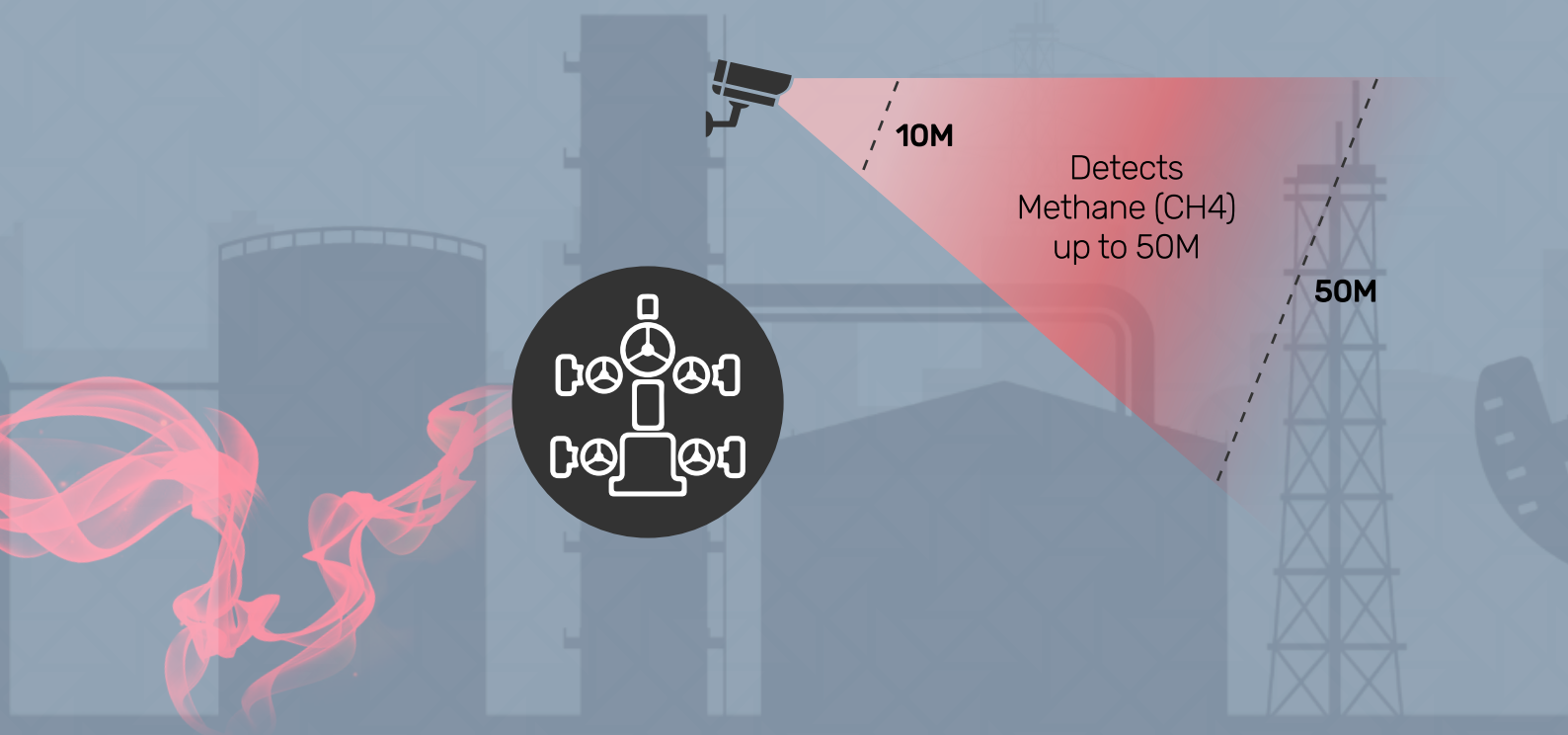
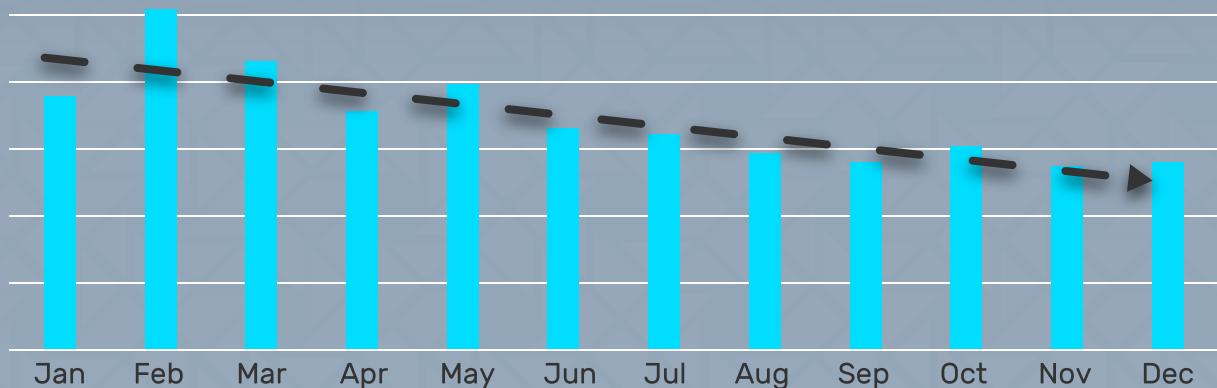


Zone 1 | Class 1 Div. 1
Certified



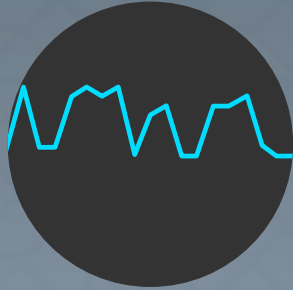
Dust and Water
resistant

USE THE DATA CAPTURED BY METCAM TO SEE YOUR EMISSIONS PERFORMANCE OVER A SPECIFIED PERIOD OF TIME

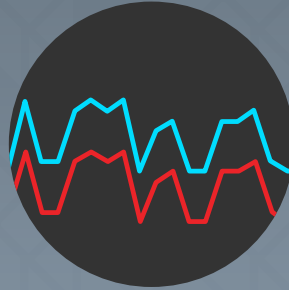


EXPERT DUAL BAND TECHNOLOGY

ALLOWS FOR MORE PRECISE MEASUREMENTS OF GAS CLOUDS

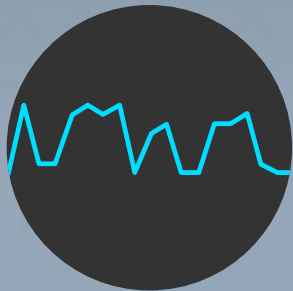


Single Band

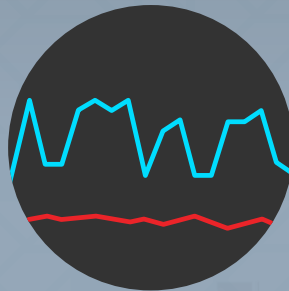


Dual Band

Dual band technology eliminates false alarms by comparing the reading in two wavelength bands. Readings in the control band indicate the absence of the target gas.



Single Band



Dual Band

Using the control band as reference and comparing it with the in-band allows for confidence in declaring target gas presence and gas path-concentration quantification.



Flow rate: N/A

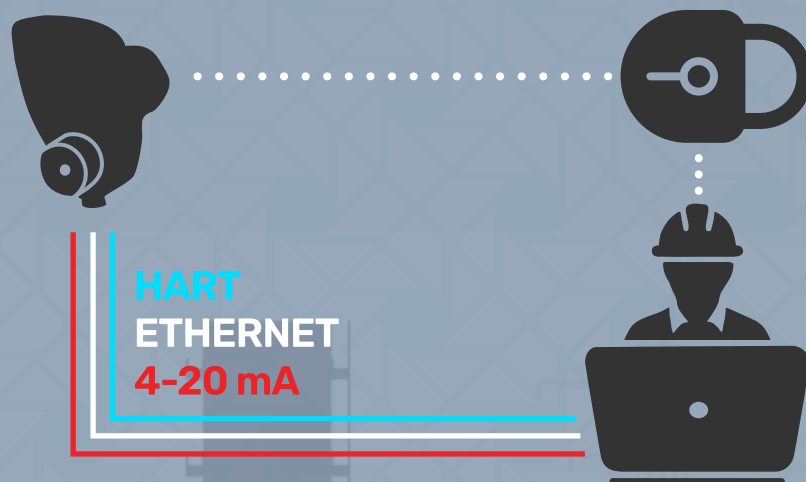


Flow rate: 250 g/hour

With autonomous onboard computing, users can save time, space, and money by eliminating the necessity for supplementary software or equipment



EVENT CAPTURE



Warning and
Alarm Alerts



User Settable
Thresholds



No
Subscriptions



No
man-in-loop

SPECIFICATIONS



MODEL P/N	A1601000200		A1601000300 (EXTENDED TEMPERATURE)
OPTICAL			
Field of View	68° Horizontal X 23° Vertical 40 x 12 meters @ 30 meters distance		
Working range	10-50 meter distance		
DETECTIVITY			
Safety mode alarm levels	A1 and A2 discrete alarms		
Emissions mode	Minimal detection level <60 gr/hr for Methane		
ELECTRICAL			
Power input	16-32 VDC		
COMMUNICATION			
Local	4-20 mA or HART Warning, alarm inhibit & fault		
To ONVIF or VMS Client	Gigabit Ethernet		
ENVIRONMENTAL			
Explosive Atmosphere Certification	Global Certification: ATEX: II 2 G Ex db ia IIB+H2 T5 Gb IECEx: Ex db ia IIB+H2 T5 Gb -40°C < Ta < 60°C NA Certification: NEC 500 Class I Div 1 Groups B, C, D, T5 -40°C < Ta < 60°C		
Relative Humidity	0-100%		
Operating Temperature	-20°C to +40°C / -4°F to 104°F	-40°C to +60°C / -40°F to 140°F	
Ingress Protection	IP66		
PHYSICAL			
Dimensions	156 x 236 x 183 mm 6.1 x 9.3 x 7.2" (without accessories)		
Weight	4.3 kg / 9.5 lbs		
INTERFACE			
Mechanical	4 x 10-32 UNF		
Gland entrance thread	3/4" NPT		