

EyeCGas 2.0



Optical Gas Imaging Camera by OPGAL



Gas Leak Detection



EPA 0000a Compliant



Thermographic Imaging

THE BEST OGI CAMERA JUST GOT BETTER

RELEVANT APPLICATIONS









EyeCGas 2.0 ensures quick detection of methane, CO, CO2 and Volatile Organic Compounds (VOC's) leaks – making it the ideal tool for LDAR solutions.

WHY CHOOSE EYECGAS 2.0?



Wireless connectivity



Integrates with various LDAR software and analyzers



Built-in GPS



IECEX intrinsically safe Zone II, ANSI, CSA Class I & Class II div.2



ANSI, USA CIASS I & CIASS II UIV.2



Gas quantification (optional)

^{* 4} years manufacturer warranty on the camera, 2 years on the sensor All images are for illustration only. All information is subject to change without notice. © All rights reserved.









THERMAL SENSITIVITY OPTICS DIGITAL ZOOM EMBEDDED DIGITAL CAMERA TYPE SPECTRAL RANGE POWER BATTERY LIFE PHY WEIGHT (WITH BATTERY AND LENS) COLOR SIZE IN (LXHXW) INTERFACE MEASUREMENT RANGE ACCURACY COLOR PALETTES DISPLAY UNIT OPERATING TEMPERATURE RANGE TEMPERATURE AND HOME THE HOME THE HOME TO SHAPE THE HOME T	C 60079-11:2011,IEC 60079-15:2010, IEC 60079-31:2013
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RANGE -2 ACCURACY At COLOR PALETTES 6 DISPLAY UNIT 3 PENV OPERATING TEMPERATURE RANGE -2 STORAGE TEMPERATURE RANGE -4 TEMPERATURE AND HUMIDITY IE EMC/ EMI EN VIBRATION 2. WATER AND DUST PROTECTION IP HALT - HIGH ACCELERATED LIFE TEST M SAFETY EN HAZARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Cas	0°C to +350 °C Least ± 1 °C (0 − 100 °C), ± 2% (> 100 °C), ± 2°C (-20 - 0 °C) color palettes (Rainbow, Iron, ISO red, ISO green, Grey Scale and Vivid) DISPLAY 5" Color LCD 640X480 RONMENTAL CONDITIONS 0°C to +50°C 0°C to +70°C C60068-2-30 Temp. +25°C/+40°C Humidity 95% RH N 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C60079-11:2011, IEC 60079-15:2010, IEC 60079-31:2013
ACCURACY COLOR PALETTES 6 DISPLAY UNIT 3 ENV OPERATING TEMPERATURE RANGE 5TORAGE TEMPERATURE RANGE 1-4 TEMPERATURE AND HUMIDITY 1E EMC/ EMI EN VIBRATION 2. WATER AND DUST PROTECTION 1P HALT - HIGH ACCELERATED LIFE TEST MALT - HIGH ACCELERATED LIFE TEST MALT - HIGH ACCELERATED LIFE TEST SAFETY ENVIRON CONTROL	Least ± 1 °C (0 − 100 °C), ± 2% (> 100 °C), ± 2°C (-20 - 0 °C) color palettes (Rainbow, Iron, ISO red, ISO green, Grey Scale and Vivid) DISPLAY 5" Color LCD 640X480 RONMENTAL CONDITIONS 0°C to + 50°C 0°C to + 70°C C60068-2-30 Temp. +25°C/+40°C Humidity 95% RH N 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C60079-11:2011, IEC 60079-15:2010, IEC 60079-31:2013
COLOR PALETTES 6 DISPLAY UNIT 3 ENV OPERATING TEMPERATURE RANGE 5TORAGE TEMPERATURE RANGE 1-4 TEMPERATURE AND HUMIDITY 1E EMC/ EMI EN VIBRATION 2. WATER AND DUST PROTECTION 1P HALT - HIGH ACCELERATED LIFE TEST MALT - HIGH ACCELERATED LIFE TEST MALT - HIGH ACCELERATED LIFE TEST MALT - HIGH ACCELERATED LIFE TEST SAFETY EN Environmental Conditions when Packed in Carrying Case	color palettes (Rainbow, Iron, ISO red, ISO green, Grey Scale and Vivid) DISPLAY 5" Color LCD 640X480 RONMENTAL CONDITIONS 0°Cto + 50°C 0°Cto + 70°C C60068-2-30 Temp. +25°C/+40°C Humidity 95% RH N 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C60079-11:2011, IEC 60079-15:2010, IEC 60079-31:2013
DISPLAY UNIT 3 ENV OPERATING TEMPERATURE RANGE 5-2 STORAGE TEMPERATURE RANGE -4 TEMPERATURE AND HUMIDITY IE EMC/ EMI EN VIBRATION 2. WATER AND DUST PROTECTION IP HALT - HIGH ACCELERATED LIFE TEST MACARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Cas	DISPLAY 5" Color LCD 640X480 RONMENTAL CONDITIONS 0°Cto + 50°C 0°Cto + 70°C C60068-2-30 Temp. +25°C/+40°C Humidity 95% RH 1 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C 60079-11:2011, IEC 60079-15:2010, IEC 60079-31:2013
OPERATING TEMPERATURE RANGE STORAGE TEMPERATURE RANGE TEMPERATURE AND HUMIDITY EMC/ EMI EMC/ EMI EN VIBRATION 2. WATER AND DUST PROTECTION HALT - HIGH ACCELERATED LIFE TEST SAFETY EN HAZARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Cas	5" Color LCD 640X480 RONMENTAL CONDITIONS 0°C to +50°C 0°C to +70°C C60068-2-30 Temp. +25°C/+40°C Humidity 95% RH 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017
OPERATING TEMPERATURE RANGE STORAGE TEMPERATURE RANGE TEMPERATUREAND HUMIDITY EMC/EMI ENUMBRATION VIBRATION VATER AND DUST PROTECTION HALT - HIGH ACCELERATED LIFE TEST SAFETY HAZARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Case	RONMENTAL CONDITIONS 0°C to +50°C 0°C to +70°C C60068-2-30 Temp. +25°C/+40°C Humidity 95% RH I 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C60079-11:2011, IEC 60079-15:2010, IEC 60079-31:2013
OPERATING TEMPERATURE RANGE STORAGE TEMPERATURE RANGE TEMPERATUREAND HUMIDITY EMC/ EMI EN VIBRATION VATER AND DUST PROTECTION HALT - HIGH ACCELERATED LIFE TEST MSAFETY HAZARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Case	0°C to +50°C 0°C to +70°C C60068-2-30 Temp.+25°C/+40°C Humidity 95% RH N60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C60079-11:2011,IEC 60079-15:2010, IEC 60079-31:2013
STORAGE TEMPERATURE RANGE TEMPERATURE AND HUMIDITY EMC/ EMI EMC/ EMI EN VIBRATION 2. WATER AND DUST PROTECTION HALT - HIGH ACCELERATED LIFE TEST SAFETY EN HAZARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Cas	0°C to + 70°C C 60068-2-30 Temp. +25°C/+40°C Humidity 95% RH I 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C 60079-11:2011,IEC 60079-15:2010, IEC 60079-31:2013
TEMPERATURE AND HUMIDITY EMC/ EMI ENC/ EMI VIBRATION WATER AND DUST PROTECTION HALT - HIGH ACCELERATED LIFE TEST SAFETY ENCORATIONS SAFE Environmental Conditions when Packed in Carrying Case	C 60068-2-30 Temp. +25°C/+40°C Humidity 95% RH N 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C 60079-11:2011,IEC 60079-15:2010, IEC 60079-31:2013
EMC/ EMI VIBRATION WATER AND DUST PROTECTION HALT - HIGH ACCELERATED LIFE TEST SAFETY HAZARDOUS LOCATIONS SAFE Environmental Conditions when Packed in Carrying Cas	N 60079-0:2012/A11:2013, EN 60079-11:2012, EN 60079-15:2010, IEC 60079-0:2017 C 60079-11:2011,IEC 60079-15:2010, IEC 60079-31:2013
VIBRATION 2. WATER AND DUST PROTECTION IP HALT - HIGH ACCELERATED LIFE TEST M SAFETY EN HAZARDOUS LOCATIONS SAFE I, int int TE Environmental Conditions when Packed in Carrying Cas	C 60079-11:2011,IEC 60079-15:2010, IEC 60079-31:2013
WATER AND DUST PROTECTION IP HALT - HIGH ACCELERATED LIFE TEST M SAFETY EN HAZARDOUS LOCATIONS SAFE I, int int TE Environmental Conditions when Packed in Carrying Cas	
HALT - HIGH ACCELERATED LIFE TEST M SAFETY EN HAZARDOUS LOCATIONS SAFE I, I int TE Environmental Conditions when Packed in Carrying Cas	4 GRMS Random Vibration
SAFETY EN HAZARDOUS LOCATIONS SAFE I, int Environmental Conditions when Packed in Carrying Cas	65
HAZARDOUS LOCATIONS SAFE I, int TE Environmental Conditions when Packed in Carrying Cas	ax temp: 55°C, Min temp: -20°C
HAZARDOUS LOCATIONS SAFE I, int TE Environmental Conditions when Packed in Carrying Cas	N60950-1:2006
, ,	SA C22.2 No. 213-M1987, Non-Incentive Electrical Equipment for Use in Class Division 2, ANSI/ISA-12.12.01 - Class I and II, Division 2, and Class III, ATEX rinsically safe for Zone 2 ratings as: Ex II 3 GD; Ex ic nA nC IIC T6 Gc; Ex ic tc IIIC 15°C DC
FREE FALL (DROP) TEST	9
	STM-D 4169-06 Schedule A
LOOSE CARGO VIBRATION TEST AS	STM-D 4169-08 Schedule F Test method D999
	STM-D 4169-08 Schedule F Test method D999
GAS LEA	K DETECTION PERFORMANCE
	ito and Enhanced Modes
	detection of VOCs gases
WITH OF LOTH MET IETET OF 0.2 plw 10 0.4 plw	<u> </u>
	VIDEO AND AUDIO RECORDING
	gital video recorder build-in generates a .ts format video on all modes.
	napshot command generates a .jpg file on any of the available modes
	to 20 hours and more of video storage over a 64GB solid state memory
	MUNICATION INTERFACES
	ta transfer, video streaming and video images file transfer
	4 GHz for video streaming and file transfer
	uetooth 4.2 with other devices: RMLD, TVA2020 ,LDAR software etc
S	uetooth 4.2 with other devices: RMLD, TVA2020 ,LDAR software etc
Batteries (2), Battery Charger, USB Cable, Neck strap,	uetooth 4.2 with other devices: RMLD, TVA2020 ,LDAR software etc





