

Gazpod | Technical specification



MEASUREMENTS

SENSOR	TYPE	RANGE	LOD	RESPONSE TIME (T90)	ACCURACY
CH4	Laser	Oppm-100% volume	100ppb	<5s	+/-250ppb

POWER SUPPLY

OPTION	EXPECTED LIFESPAN	NOTES
External DC	>5 years	9-24V DC, 50-60Hz, 1.4A
Solar power pack	>5 years	Based on geographic conditions and requirements

PHYSICAL

Enclosure	NEMA 4X
Environmental	Temperature range -4°F to 158°F (-20°C to +70°C) Humidity range 0% to 95% relative humidity
Mounting	Freestanding field installation stand
Approximate size	Length 6ft (1.8m) Width 6ft (1.8m) Height (excluding VEMM™#1) 8ft (2.4m) Height (including VEMM™#1) 20ft (6.1m)
Approximate weight	240lb (108kg)
Sample line	Flexible tubing in conduit, stainless steel tubing used in required zones

DATA & COMMUNICATIONS

Communication	Worldwide coverage 4G/5G LTE Cat M1/NB1 with 2G fallback Ethernet
Server software	Web browser based with analytical and spatial information tools Processing real-time availability of field data Database storage on secure server
Access options	Secure web application login Secure API feed Secure data download in Excel

#1 Vertical Emissions Monitoring Manifold (VEMM™) included in standard Gazpod package. Sampling points at elevations of 5ft, 10ft, 15ft, and 20ft provide detection of emissions with methane dispersion and vertical plume migration