

# Product Datasheet

## XplorIR®

### Handheld Gas/Vapour Detector

XplorIR® from 908 Devices is the only handheld gas/vapour detector that can accurately detect and identify 5,600+ unknown chemical threats in seconds. Use XplorIR to continuously monitor and receive immediate answers during high-threat operations, or transition to point-and-shoot mode for isolated target intelligence.

#### Continuously monitor 5,600+ gas/vapours

- Chemical Warfare Agents
  - Nerve Agents
  - Blister Agents
  - Choking Agents
- Hazardous Chemicals
  - TICs
  - TIMs
  - VOCs

#### Features

- Clear, visible results in seconds.
- Quantification of thousands of hazardous chemicals.
- Adaptive atmospheric corrections.
- Part per million (ppm) level sensitivity.
- Simple operation.
- Designed for use in harsh environments.
- 24/7/365 Reachback.
- Provides accurate ID of up to 6 components in real-time even within complex gas mixtures.



# Specifications

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General	
<b>Technology</b>	FTIR (Fourier Transform Infrared Spectroscopy)
<b>Sample Type</b>	Gases/Vapours
<b>Gas Measurement</b>	2.0 meters, multi-pass gas cell, 38 ml volume
<b>Size</b>	14.73cm x 30.48 cm x 14.22 cm (5.8" x 12" x 5.6")
<b>Weight</b>	2.49 kgs (5.5 lbs)
<b>Operating Temperature</b>	0 to 50° C (32 to 122° F)
<b>Operating Humidity</b>	0-95% non-condensing
<b>Battery Life</b>	6 hours
<b>Connections</b>	GPS WiFi (802.11 G)
<b>Ruggedness</b>	Dust; Waterproof/Resistant; IP 54
<b>Sample Pump</b>	Active, 1 L/min purge, 0.4 L/min sample
<b>Detection Time</b>	< 30 seconds
<b>Libraries</b>	5,600+ Gases & Vapours TICs, CWAs, VOCs, WMDs, Industrial Chemicals, Solvents, Hydrocarbons
<b>Power</b>	Rechargeable Li Ion battery
<b>Database</b>	ThreatAssist; integrated chemical information database
<b>Decontamination</b>	Spray or wipe-down with bleach or detergent
<b>Warranty/Support</b>	1 Year Warranty 24/7/365 Support Reachback with data analysis
<b>Remote Data Access</b>	TeamLeader App available for download on Apple or Google Play

Specifications are subject to change without notice.  
For the most up-to-date specifications, please visit [www.southernscientific.co.uk](http://www.southernscientific.co.uk)

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