

Argos

For trace detection and longer-range (>10m) applications

STANDOFF SAVES LIVES

Introducing Argos Handheld Standoff Trace Threat Detection

Argos is the most sensitive Handheld UV Raman Threat Chemical Detector yet for bomb squad, military, law enforcement and commercial applications!

Capabilities & Benefits

- Stand-off Detection: Stay farther away from potential threats
- Detection: Trace detection of solids and liquids
- One sensor, three modes of operation: Handheld, robot and UAV mounted
- Classification and real-time specific identification of threat chemicals: CWAs, Explosives, Narcotics, TICs and TIMs
- Eye-safe: Can't blind; no eye protection required
- Solar Blind: works in bright sunlight
- Can be integrated with UGVs and UAVs
- Integrated with Common Operating Pictures using TAK/ATAK and ISA



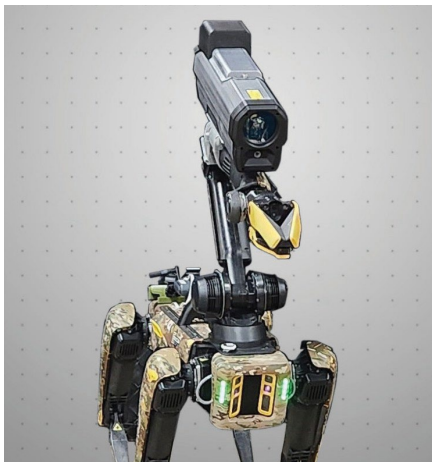
Finalist: TechConnect World 2024 Counter WMD Innovation Challenge

Featured at CBOA 2024, MSPIX 2024, and RDAX 2024.

See Argos at the USBTA National EOD Tech Summit, 2-4 December 2025, at National Harbor, MD

Argos

One Sensor, three modes of operation.



Specifications

PHYSICAL

Size	18"x 8"x 4.5"
Weight	7 lbs. without battery (UAV option) 10 lbs. with optional battery & handle

OPERATIONAL

Battery Runtime	-2 hours
Storage Temperature	-33C - +60°C (-27F - 140°F)
Amount of Sample Required	Invisible trace, residues & bulk – contact Alakai for more information

RAMAN SPECIFICATIONS

Detection Range (material dependent)	0.5 – 10m for majority of chemicals (HME's out to 15m)
Detection Time	Programmable, 3-30 seconds
Laser Wavelength	UV (can be used covertly)
Spectrometer Resolution	~15cm-1

MISCELLANEOUS

Imaging Capability	Onboard camera saves image with each data file - Evidence
Alarms	Built-in display and Red/Green LED's
Startup time	<4 minutes
Data Storage	>100GB

DETECTION LIBRARY

Chemicals	Detects Explosives, Home Made Explosives (HME), Nuclear Weapon Processing Chemicals, CWAs, Narcotics, TICs/TIMs, Hazardous Materials (HAZMAT)
-----------	---

INTERFACE

Display	Displays additional classification and identification information and allows system configuration
Communications	Ethernet, (WiFi or wired), Bluetooth®, USB