

RAPIDplus Standoff Chemical Detector



RAPIDplus is a standoff system that automatically detects, identifies and monitors all known chemical warfare agents and important toxic industrial chemicals at long distances. Using passive FT-IR technology, it scans 360° and works at distances up to 5000 metres. It can be used on a stationary tripod or on a moving vehicle without loss of performance.

- 01 Standoff detection up to 5000 metres
- 02 Identifies and monitors CWAs and TICs
- 03 Static or on-the-move operation
- 04 Hardened to MIL 810G and 461F

Technical data

BRAND	Bruker
MODEL	RAPIDplus Standoff Chemical Detector
DETECTED THREATS	Chemical warfare agents (CWA) · Toxic industrial chemicals (TIC)
DEPLOYMENT	Standalone · Vehicle / ship mounted
DETECTION TECHNOLOGY	Passive infrared standoff sensing (FT-IR)
SENSITIVITY	Low ppm range; at distances up to 5000 m, 360° scanning
DATA INTERFACE	Ethernet
MAINTENANCE AND CALIBRATION	Requires minimal training and maintenance
RUGGEDNESS	Fully hardened to MIL 810G and 461F standards
APPLICATIONS	Detecting ammonia in industrial complexes from up to several kilometres
ACCESSORIES AND OPTIONS	Real-time colour wide-dynamic-range camera; Video Overlay Mode (VOM)