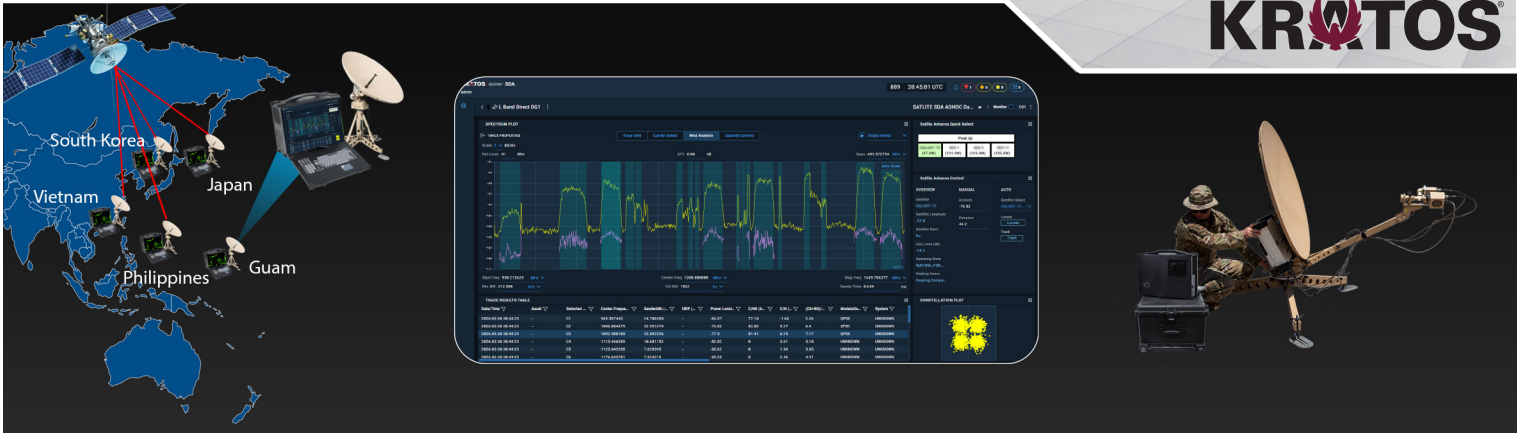


KNOWNspace® Recon+®

RF Operational Advantage. Anywhere.



See the Threat. Shape the Decision.

The spectrum is a critical resource in modern conflicts, as its manipulation enables navigation, communication, deception and even weapons guidance. Always-changing threats demand getting capabilities to the field faster for the Warfighter to address the problem sooner.

Advance Awareness and Security at the Edge.

Recon+® brings Kratos' Space Domain Awareness (SDA) capability into a man-portable form factor—integrating multiple software applications into a single COTS unit for real-time spectrum awareness and actionable insight. Built for agility, it strengthens threat detection, accelerates response, and extends operational reach for missions at the edge.

In contested environments, edge analytics give operators the speed and certainty needed to act before the threat does. Built on detectors and analytics developed from extensive data sets within the Kratos KnownSpace global sensor network, Recon+ delivers immediate, on-site threat identification and analysis—far beyond what field collections alone can provide. It puts real insight at the point of contact, where seconds and clarity matter.

Extensible Anywhere.

Designed for extensibility, Recon+ will work with custom plug-ins as needs change, without rebuilding the system or relying on a constant network connection. This means teams can tailor the kit by adding custom capabilities, so it delivers useful insight and operational value whether connected or disconnected, even while operating in contested environments.

Field-Deployable. Plus-Level Expandability.

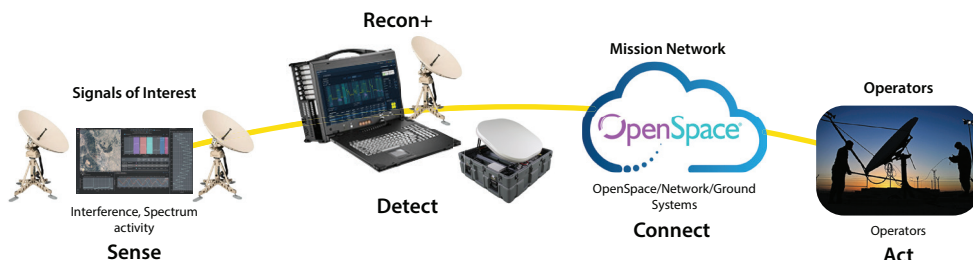
Recon+ includes a mission-ready suite of tools engineered for true field installation with no retrofit required. The “plus” signifies its ability to scale into higher-level configurations, adding advanced options as operational demands increase.

Field Deployable Signal Characterization

- Open architecture for custom apps
- Signal detection, monitoring, and characterization
- Terrestrial EMI detection
- Under carrier characterization
- TDMA or SCPC network analysis
- IP packet analysis
- Supports I/Q recording with or without DIFI metadata
- Signal generation and transmission
- IBW is 500MHz
- Digitizes DIFI/IEEE-ISTO Std 4900- 2021 or VITA 49

Optional

- Antennas and/or ACU (Antenna Control Unit)
- RF Switching
- Man-portable form factors
 - Configurable to multiple different form factors and capabilities based on need
 - Alternative processing systems and enclosure area available

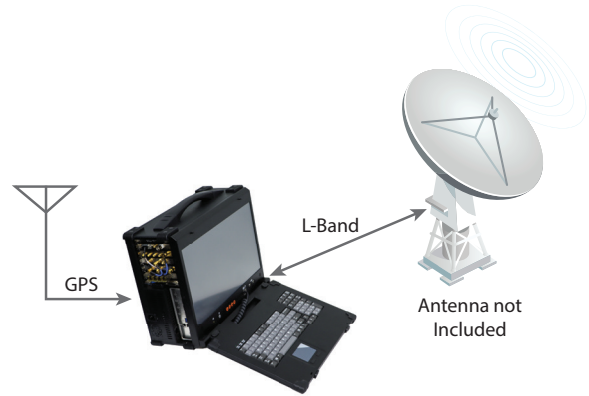


Antenna Interface	
L-band IF, 950Mhz - 2450MHz	
Hardware Specifications	
Dimensions	16.42"x 13.86"x 7.32"
Weight	~16.5lbs
Airline Check	Yes
External Components (not including antenna)	1
GPS	Internal source with option to have external supplied
RAM	256 GB
Internal Storage	4TB NVMe on motherboard
Storage	4 TB NVMe swappable with 3 unpopulated bays to add storage
CPU	Intel® Xeon® Gold 6731P Processor AVX-512
Cores	32 Physical, 64 Logical
GPU	NVIDIA GeForce GT710 2G DDR3 (Other carrying cases and servers available. Can be loaded on any generic compute platform).

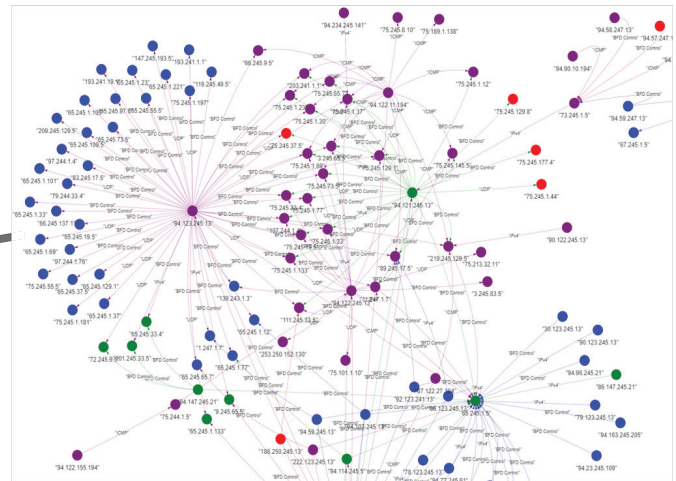
Total Watts Processor	612
Total Current Processor @ 120VAC (Amps)	5.1
Total Watts Antenna	450
Total Current Antenna @ 120VAC (Amps)	3.75
Total Watts Antenna + Processor	1062

Trusted Insight Delivered Anywhere.

- Decades of operational signal-analysis expertise for mature carrier-monitoring, interference-detection, and analytics deliver high-confidence RF characterization
- Deep RF visibility with tools that identify carriers, classify protocols, and extract advanced RF insight
- Lower integration burden through a COTS x86 architecture supporting diverse deployed systems and sustainment models.
- Expandable mission capability via a software framework built to evolve, supporting upgrades and customer-provided functions without re-design.



The 16.5 lb. self-contained kit enables the Warfighter to rapidly and discreetly deploy an operational spectrum management system. When the mission is over, de-installation is quick and all kit components stay in the durable case.



Associates IP addresses by network traffic, colored by RF carrier