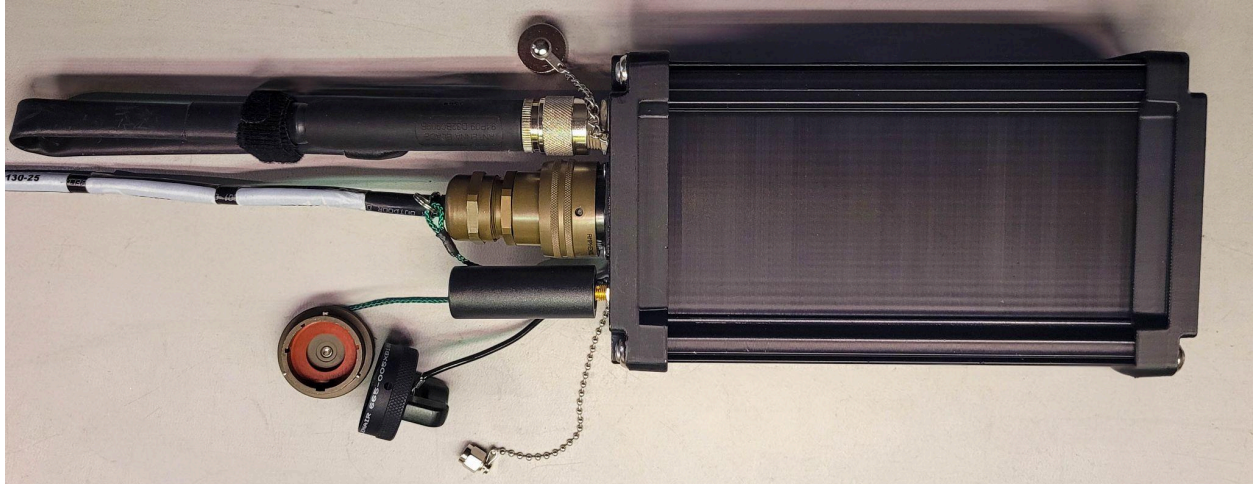




DragonEgg

Portable Signals Survey & Analysis System

The DragonEgg is a ruggedized, network-powered signals analysis platform that delivers professional signals capabilities in a compact, weatherproof package.

Applications

Network Survey & Digital Overwatch

- Wireless network enumeration and security assessment
- Perimeter monitoring for unauthorized transmissions
- Spectrum occupancy analysis and interference identification
- UAV/drone detection and tracking systems

Remote Operations & Data Science

- Unattended spectrum monitoring deployments
- Mobile survey operations and temporary installations
- Machine learning on RF datasets and signal classification
- Integration with existing SIGINT infrastructure

Tactical & Emergency Response

- Fly-away kit configurations for rapid deployment
- Emergency communications monitoring
- Force protection and electronic attack detection
- Multi-node triangulation and direction finding

Deployment

Standalone Operation

- Autonomous data collection with local storage
- Built-in web interface for configuration and monitoring
- Scheduled analysis tasks via cron/systemd
- Local hotspot capability for field access

Networked Deployment

- Remote access via VNC, SSH, and web interfaces
- Centralized data aggregation and analysis
- Multi-unit coordination for triangulation
- Cloud integration for distributed operations

Mobile Integration

- Vehicle mounting for mobile surveys
- Backpack-portable field operations
- Drone payload integration (weight permitting)
- Emergency response kit configuration

Contact: info@snstac.com

Proprietary. Do not redistribute.

Technical Specification - ARM Cortex A76 quad 2.4 GHz - 8 GB LPDDR4X RAM - > 128 GB NVMe SSD - 24 MHz - 1.8 GHz coverage - 10 MSPS sample rate - > 70 dB SFDR - 802.3at/bt PoE+/PoE++ - 66 channel GPS - 50 ohm TNC or N Receive Antenna - SMA GPS Antenna	Software - DragonOS Linux - GNU Radio - Node-RED - TAKX/TAKX-RF - PyTAK - ADSBCOT, AISCOT, APRSCOT
Compatibility / Protocols - Compatible with all TAK products - RTL_TCP, SoapySDR, VNC, SSH, Web - Cursor on Target, KML, JSON	Physical - 190 x 106.3 x 56.3 mm OD - 1/4-20 photo mount - 50 ohm TNC or N antenna port - 50 ohm SMA GPS antenna port - MIL-STD-26482 Class D / CAT5e