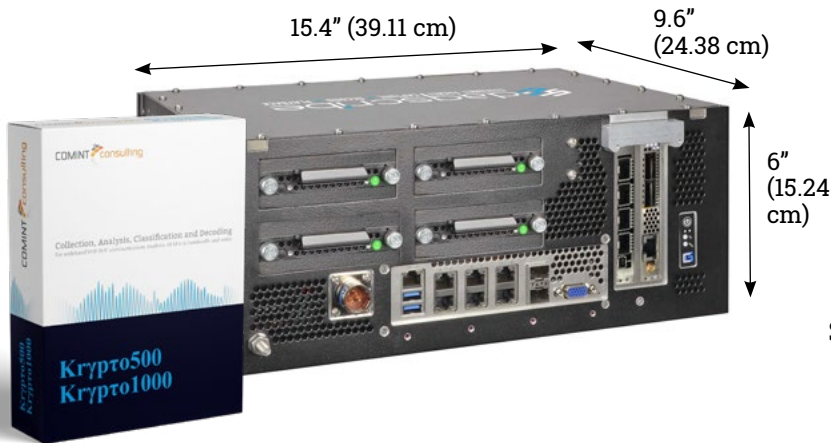


OPTIONAL DATA PLAYBACK UP TO 40Gbps



DIGITAL RECORDER / PROCESSOR
FOR SIGNALS ANALYSIS



Featuring integrated **Krypto500/Krypto1000** Signals Analysis and Decoding software suite from **COMINT Consulting**

SMART DIGITAL RADIO RECORDER

- ✓ A miniature, rugged (**MIL-STD-810** compliant), Ethernet recorder featuring **2 x 10GbE** ports.
- ✓ Sustained 100% Ethernet capture and record performance at **20Gbps**.
- ✓ Up to **60 Terabytes (SSDs)** of local data storage.
- ✓ Data offload: **USB 3.0, 1GbE, and 10GbE** ports.
- ✓ Interfaces with **VRT/VITA 49** or other digital radio devices.
- ✓ **STIG** compliant & **AES256** encryption option.
- ✓ Real-time status monitoring of capture ports.

SIGNALS SOFTWARE HIGHLIGHTS

- ✓ No limits on bandwidth or channels
- ✓ Unlimited decoders
- ✓ HD spectrum displays
- ✓ Automated / scheduled collection tools
- ✓ Save complex missions as Session files
- ✓ New decoders added continuously

Krypto500
Krypto1000



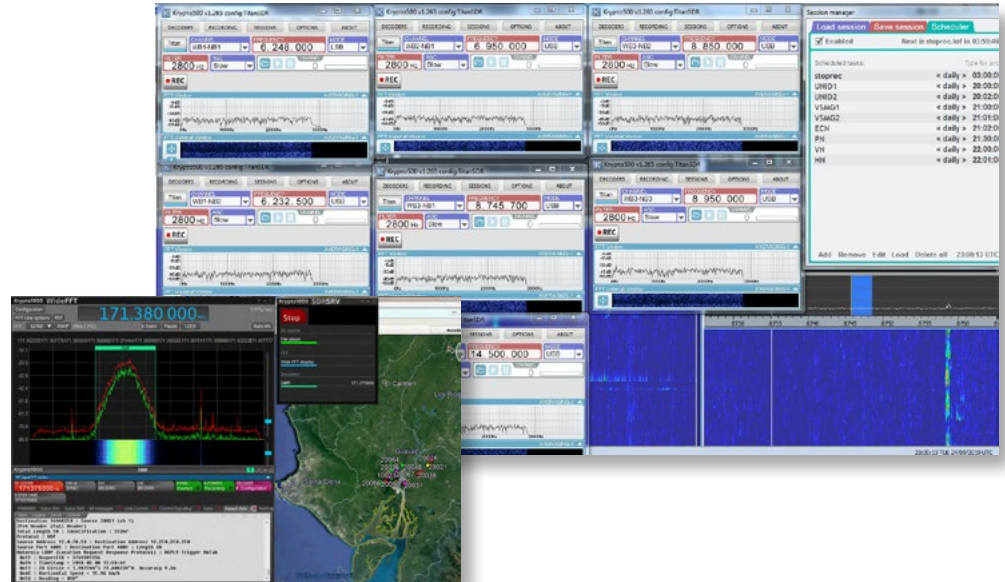
DIGITAL RADIO MANY CHANNELS / LARGE SYSTEMS

The Krypto500 SIGINT suite allows 10 or more multiple instances to be run simultaneously, permitted decoding, classification and analysis of hundreds of channels in real-time.

The Krypto1000 SIGINT suite's hyper-threaded architecture allows unlimited channels to be exploited concurrently.

KRYPTO500 / KRYPTO1000 HIGHLIGHTS

- ✓ 4,000+ precision classifiers
- ✓ ~ 500 RadioID (fingerprinting) signatures (Krypto500 only)
- ✓ Automatic network diagramming
- ✓ The most extensive, current, complete and accurately-named decoders
- ✓ Numerous advanced signals analysis and cryptanalysis tools (multiple ACFs, LFSR analysis and more)
- ✓ Compatible with Allied Intelligence protocols like MidasBlue, VRT/VITA 49



DAQSCRIBE RECORDER SPECIFICATIONS

Performance	<ul style="list-style-type: none"> ✓ Line rate Rx 20Gbps (2 x 10Gbps) for packet size 61 - 10,000 bytes ✓ Line rate Tx 20Gbps (2 x 10Gbps) for packet size 61 - 10,000 bytes ✓ 100% packet capture
Network interfaces	<ul style="list-style-type: none"> ✓ IEEE 802.3 10GbE Ethernet support ✓ Network interface: 2 x SFP+ ports ✓ SFP+ modules: 10GBASE-CR/SR/LR
Storage options	<ul style="list-style-type: none"> ✓ NVMe NAND flash (enterprise) ✓ 3TB (19TBW), 6TB (37TBW), 12TB (75TBW), 15TB (34TBW), 25TB (149TBW), 30TB (67TBW), 60TB (134TBW) ✓ Storage in TB with endurance TBW (Total Bytes Written in PB) ✓ SSD endurance TBW is based on 128K sequential writing
Peripherals & data offload options	<ul style="list-style-type: none"> ✓ 2 x USB 3.0 ports ✓ 1 x VGA display ✓ 2 x 10GBASE-T ✓ 4 x 1GBASE-T ✓ 2 x 10Gbps SFP+
Environmental standards	<p>MIL-STD-810 & DO-160 (compliant)</p> <ul style="list-style-type: none"> ✓ MIL-STD-810, Operational Temperature: -40°C to +60°C ✓ MIL-STD-810, Storage, Method 501, Procedure I/II: -40°C to +85°C ✓ MIL-STD-810, Altitude, Method 500: 12,500ft operation, 40,000ft transport ✓ MIL-STD-810, Vibration, Method 514, Procedure I: 5.5G, 10-2000Hz, 60 min/axis, 3 axes ✓ MIL-STD-810, Shock, Method 516, Procedures I/V: 20g, 11msec – functional shock; 40g, 11msec – crash hazard shock
System cooling	<ul style="list-style-type: none"> ✓ Three high reliability 92 mm fans
Power supply	<ul style="list-style-type: none"> ✓ Option 1: 36 - 72 VDC, 120VAC Watt power brick ✓ Option 2: 250VDC
Dimensions & weight	<ul style="list-style-type: none"> ✓ Height: 6" (15.24cm) max, Width: 15.4" (39.11cm), Depth: 9.6" (24.38cm) excluding connectors, Weight: 17 lbs (7.71 kg) - estimated