



DIGITAL RECORDER / PROCESSOR FOR COMINT ANALYSIS



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

Preliminary specifications - subject to change

DAQSCRIBE RECORDER HIGHLIGHTS

- ✓ VRT/VITA 49 or other digital radio capture & recording
- ✓ suitable for any Ethernet sensor recording
 - up to 25 Terabytes of local data storage
 - fast data offload via 2 x USB3.0 or 2 x 10GbE ports
- ✓ built to rugged environment specifications (certification pending)
- ✓ STIG compliance - applicable
- ✓ AES256 encryption options

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



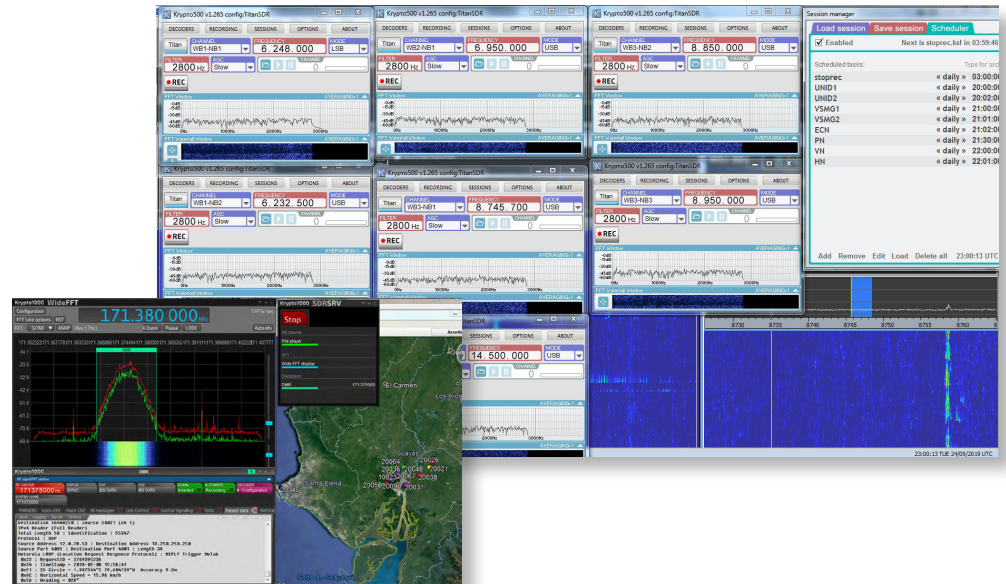
DIGITAL RADIO MANY CHANNELS / LARGE SYSTEMS

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, VITA49



DAQSCRIBE RECORDER SPECIFICATIONS

Storage Options	<ul style="list-style-type: none"> ✓ NVMe NAND Flash (Enterprise) ✓ 6TB (37TBW), 12TB (74TBW), 25TB (149TBW) ✓ Storage in TB with endurance TBW (total bytes written in PB) ✓ SSD endurance TBW is based on 128K sequential writing
Hardware Time Stamp	<ul style="list-style-type: none"> ✓ Resolution: 1 ns ✓ Time formats: PCAP-ns/-μs, UNIX 1 ns
Peripherals & Data Offload Options	<ul style="list-style-type: none"> ✓ 1 x USB 3.0 Ports ✓ 1 x VGA Display ✓ 2 x 10GBase-T ✓ 4 x 1GBase-T ✓ 2 x 10Gbps SFP+
Environmental Standards (TBD)	<p>MIL-STD-810 & DO-160 (certification pending)</p> <ul style="list-style-type: none"> ✓ MIL-STD-810, Operational Temperature: -40°C to +40°C ✓ MIL-STD-810, Storage, Method 501, Procedure I/II: -55°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"> ✓ Fan-less; passively cooled through heat-pipe technology with no moving components ✓ Thermostatically controlled fans, air over components cooling design
Power Supply	<ul style="list-style-type: none"> ✓ 12VDC, 15A ✓ 100-240VAC 50-60Hz
Dimensions & Weight	<ul style="list-style-type: none"> ✓ 348 x 289 x 100mm (W x D x H) (109mm H including feet) ✓ 13.7" x 11.4" x 4" ✓ 14.3lb / 6.5kg