

CUBIC'S XD-1000 GUARD



Cubic Cyber Solutions' XD-1000 is a small lightweight low power Cross-Domain Guard. The XD-1000 operates at 1Gbps, moving files (200+ types), data, full motion video (FMV) and associated KLV metadata across the guard with the same secure one way transfer. Bi-directional transfer requires the addition of filters or reliable human review for transfer from Hi2Low, again made possible by our accredited bi-directional solutions deployed inside our XD-1000 and XD-10G appliances. The XDT operates from 12V power provided either by mil-standard batteries or a small simple AC power converter. The XDT doesn't contain any crypto or other sensitive components and is therefore not a risk on the battlefield or in urban or civil operations. Meant to take input and provide output using Fisher, standard Ethernet or USB connectors, the XDT is a small light and rugged cross domain solution permitting connectivity between unclassified and SIPR and JWICS networks. Our XDT is a true "PL5" guard, permitting direct connectivity between an Unclassified domain and JWICS, or an Unclassified domain and SIPRNet, or SIPRNet and JWICS.



The XDT was specifically designed to be interoperable with both mil-standard and civilian radios and networks, and to transfer data, files and ISR output including FMV along with the accompanying KLV metadata, for analysis and targeting.

POTENTIAL USES

- Ground sensors
- UAS and/or Aircraft downlink
- File & Database Transfer
- Special Operations
- One Way Print
- Video
- Biometrics
- Pocket Litter
- Border Crossing

KEY FEATURES

- Small size, weight and power
- 100% Solid-state
- Web browser GUI or SNMP control
- 200+ File types
- Runs certified accredited and UCDSMO validated baseline
- Open-standards based
- No Sysadmin required
- Multiple applications in a single device

PHYSICAL CHARACTERISTICS

- Size < 6.625 x 5.625 x 1.5625
- Weight..... < 2 lbs., < 15 lbs.
- Power..... < 25 Watts
- Input Voltage 8V–17V (nominal 12V)
- Operating Temperature -40° to +85°C
- Cooling..... Fanless - zero airflow required if chassis maintained below 90°C

DATA INTERFACES

- Ethernet (2 independent Isolated)
 - o IPv4, IPv6
 - o Unicast, Multicast, Broadcast
- USB

Cubic Cyber Solutions, Inc., a unit of San Diego-based Cubic Corporation, provides specialized cyber security products and services for defense, intelligence and homeland security customers. We offer common cross-domain framework solutions and product/system evaluation and certification.

We provide a full range of certified and accredited cross-domain transfer appliances covering the entire range of domains, from Unclassified to Top Secret, that ensure secure transfer of data and services in a multi-level domain environment.

Each of the company's XD products is designed to be a complete, pre-configured off-the-shelf solution to satisfy cross-domain transfer requirements. Our XD solutions enable secure data and information flow; provide consolidated auditing and logging of data transfers and provide lower power utilization for their speed than any comparable guard.