CUBIC’S CROSS DOMAIN TACTICAL (XDT) GUARD

Cubic Cyber Solutions’ Cross Domain Tactical (XDT) Guard is a small lightweight low power version of our XD-1000 Cross-Domain Guard. Built on the same UCDSMO validated baseline as our XD-1000 and XD-10G appliances. The XDT is a miniaturized version intended for vehicular, aircraft, naval or ruck sack applications. Our XD solutions (deployed inside our XD-1000 and XD-10G appliances) also run in our XDT, including Transfer, HD FMV, one-way print and email.

Small but no less capable, the XDT 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 architecture.

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.
POTENTIAL USES
- Ground sensors
- Civil Affairs
- UAS and/or Aircraft downlink
- Biometrics
- TACP
- Cameras/Thumb drives
- Pocket Litter
- Special Operations
- Naval vessels
- FMV with Metadata

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

PHYSICAL CHARACTERISTICS
- Size.................................. <8.625” x 5.625” x 1.5625”
- Weight............................... < 3.5 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)
  - IPv4, IPv6
  - 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 crossdomain 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.