

XD Guardian

Cross Domain Solution

INTERNATIONAL

XD Guardian is available internationally and ideal for:

- Foreign governments
- Non-U.S. critical infrastructure operators
- System integrators with international business

HIGH PERFORMANCE

Features best-in-class performance with 1 Gb network interfaces delivering high throughput, low latency data transfer

COST EFFECTIVE

- Lower initial and ongoing lifecycle costs than competing products
- Per-unit pricing not tied to capacity or throughput

RACK-MOUNTABLE CONFIGURATION

- Standard 1U 19" rack-mountable configuration
- Custom configurations also available

FLEXIBLE FILTER

The product's design supports rapid development of data-filtering capabilities, including custom security policies and filters

MEET RIGORIOUS STANDARDS

- XD Guardian is accredited to meet Secret and Below (SAB) U.S. government standards
- Raise-the-Bar (RTB) phase one compliant as listed on the NCDSMO Baseline (formerly UCDSMO Baseline)



The Owl Solution

XD Guardian™ is a dual-guard, quad-diode cross domain appliance that combines flexibility with low cost and high performance. The functional equivalent of Owl's XD Bridge™ product, XD Guardian is the only exportable product that has been assessed against the U.S. government's most rigorous requirements for cross domain solutions.

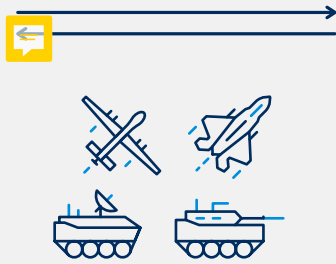
XD Guardian supports both unidirectional and bidirectional transfer modes ensuring fast, effective, and secure data transfer between systems of differing security levels.

With its standard 1U rack-mountable configuration and minimal administration requirements, XD Guardian can be easily deployed in enterprise applications or remote or isolated environments.

Filters are available for both file transfer and streaming protocols such as full-motion video.



LOW SIDE SECURITY DOMAIN

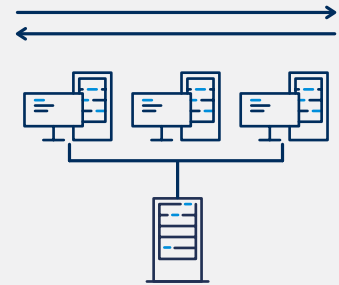


- ISR Sensor Data Streams
- Unclassified Data Feeds (NWS, FAA)
- Monitoring / Reporting Information
- Equipment Software Updates

- + Full Motion Video
- + Images & Files
- + XML, MS Office, PDF
- + UDP data streams



HIGH SIDE SECURITY DOMAIN



- Off-board Mission Planning Systems
- Fusion Workstations
- Coalition Data Sharing
- Maintenance Systems



Technical Specifications

DIMENSIONS:

- 18.875" x 26" x 1.75"

WEIGHT:

- 18.5 lbs.

POWER:

- 70W @ idle, 170W maximum

COOLING:

- 580 BTU max and 240 BTU typical

POWER SUPPLY VOLTAGE:

- 120 VAC @60Hz, 115 VAC 400Hz, 48 VDC

PORTS (PER SIDE):

- 10 / 100 / 1000 Ethernet (data transfer)
- 10 / 100 Ethernet (management) ST Fiber
- 1 transmit, 1 receive DataKey (Active on boot only)
- USB 2.0 (keyboard)
- VGA (video)
- Tubular pin lock (key load lock)

PROTOCOLS:

- FTP, SFTP, FTP/S, TCP, and UDP (Unicast, Multicast, Broadcast)

OPERATIONAL TEMPERATURE:

- -10° to 50°C

STORAGE TEMPERATURE:

- -40° to 70°C

ALTITUDE (UNPRESSURIZED):

- 4,600m (15,000ft)

HUMIDITY:

- Maximum 90% non-condensing relative humidity



Owl Cyber Defense Solutions, LLC leads the world in data diode and cross domain network cybersecurity. With a constant focus on customers in the military, government, critical infrastructure, and commercial communities, Owl develops market-first, one-way data transfer products to meet a variety of operational needs, from entry level to enterprise.

For more information on Owl, or to schedule a demo, visit owlcyberdefense.com



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