

# XD Guardian

## Cross Domain Solution

### INTERNATIONAL

XD Guardian brings accredited cross domain security to every industry, around the world:

- Coalition military operations
- Foreign governments and defense
- Commercial, industrial, and utility orgs

### 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

### CONVENIENT CONFIGURATION

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

### FLEXIBLE FILTERING

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

### MEETS RIGORIOUS STANDARDS

- XD Guardian has undergone rigorous testing to meet U.S. government security standards
- Raise-the-Bar (RTB) phase one compliant as listed on the NCDSMO Baseline (formerly UCDSMO Baseline)



## The Owl Solution

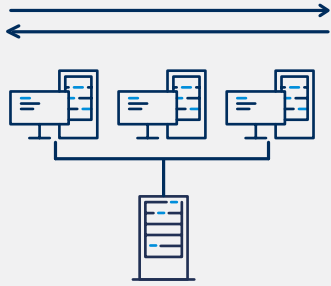
XD Guardian™ is a dual-guard, quad-diode cross domain appliance that combines flexibility with low cost and high performance. The functional equivalent of Owl's XD Bridge™ product, XD Guardian is the only exportable product that has been assessed against the U.S. government's most rigorous requirements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

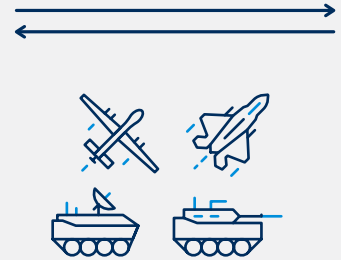
Filters are available for both file transfer and streaming protocols.

**HIGH SIDE SECURITY DOMAIN**



- Files & Images
- XML, MS Office, PDF
- UDP data streams

**LOW SIDE SECURITY DOMAIN**



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

- Off-board Mission Planning Systems
- Fusion Workstations
- Coalition Info 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 SUPPORTED**

- FTP, SFTP, FTP/S, TCP, 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 [www.owlcyberdefense.com](http://www.owlcyberdefense.com)