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 RIGOROUS 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.
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

### Technical Specifications

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<tr>
<th><strong>DIMENSIONS</strong></th>
<th>18.875&quot; × 26&quot; × 1.75&quot;</th>
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<tbody>
<tr>
<td><strong>WEIGHT</strong></td>
<td>18.5 lbs</td>
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<td><strong>POWER</strong></td>
<td>70W @ idle, 170W maximum</td>
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<td><strong>COOLING</strong></td>
<td>580 BTU max and 240 BTU typical</td>
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<tr>
<td><strong>POWER SUPPLY VOLTAGE</strong></td>
<td>120 VAC @60Hz, 115 VAC 400Hz, 48 VDC</td>
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<tr>
<th><strong>FILE &amp; IMAGE SHARING</strong></th>
<th>Files &amp; Images, XML, MS Office, PDF, UDP data streams</th>
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<td><strong>SECURE INFORMATION SHARING</strong></td>
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#### HIGH SIDE SECURITY DOMAIN
- ISR Sensor Data Streams
- Unclassified Data Feeds (NWS, FAA)
- Monitoring / Reporting Information
- Equipment Software Updates

#### LOW SIDE SECURITY DOMAIN
- Off-board Mission Planning Systems
- Fusion Workstations
- Coalition Info Sharing
- Maintenance Systems

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

#### POWER SUPPLY VOLTAGE
- 120 VAC @60Hz, 115 VAC 400Hz, 48 VDC

#### 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