GigE Console Server
DSM Series

Out-of-Band Console Management for Secure Networks

IP-to-Serial Console Management:
- 8, 24 or 40 RS232 RJ45 Serial Ports
- Ctrl+Break Command Block Options
- Reverse/Outbound SSH

In-Band/Out-of-Band Access:
- Primary Ethernet: 10/100/1000
- Optional Secondary Ethernet with Fallback Capabilities: 10/100/1000
- Optional 56k v.92 Modem with Dialback Security
- Optional 4G LTE Cellular
- Optional Always On with FailSafe Dual Power Supplies
- IP Passthrough for Cellular Failover
- Local Access (RJ45 RS232 & USB Mini Set-Up Ports)
- Supports IPv4 and IPv6

Security & Authentication:
- HTTPS, SSHv2, SNMPv3
- Transport Layer Security (TLS) v1.2
- IPSec (Server/Client) & OpenVPN
- iFrames
- Supports DUO and RSA® Two-Factor Authentication
- SAN Certificate Support
- AAA: LDAP/Active Directory/Kerberos/RADIUS/TACACS+
- Embedded Validated FIPS 140-2 Cryptographic Module
- Port-Specific Password Protection
- Invalid Access Lockout & Alarm

Event Monitoring, Logging & Notification:
- Alarms via SNMP, Email or Text Message
- Over-Temperature Alarms
- Ping-No-Answer Alarm (Failed Ping Command)
- Power Cycle Alarm
- Temperature, Command & Event Logging
- Lost Communication Alarm
- Buffer Monitoring & Alarms
- No Dialtone Alarm
- Time Stamp & Non-Connect Port Buffering

Unit Management:
- RESTful Web Services API
- DHCP/FTP/TFTP/SFTP/SCP
- CLI & HTMLE5 Web-Based GUI
- Compatible with WMU Enterprise Management Software
- Multiple Concurrent SSHv2 Sessions
- Full MIB Support
- NTP for True Server Sync

Automation:
- Modules & Plugins Included in Ansible
- SYSLOG & Streaming Telemetry Support
- SNMP
- Zero Touch Provisioning (ZTP) Support

DSM Series console servers provide secure, reliable out-of-band access to console ports and aux ports on crucial network elements, allowing emergency access to mission critical device infrastructure.

When unresponsive network elements disrupt communication, DSM Series Console Servers provide fast, secure, OOB access to routers, switches, firewalls and other equipment. Create an SSHv2 connection to any device on your network via 10/100/1000 Ethernet, 4G LTE Cellular or PSTN dial-up, and then remotely tweak configuration parameters, view audit logs or implement troubleshooting functions to restore your network without the expenses, delays and hassles of a truck roll or service call.

The DSM’s monitoring and alarm functions simplify remote network management by providing an automated response to high rack temperatures, failed pings and other signs of trouble. Monitoring and reviving network devices has never been easier!
**GigE Console Server**

**DSM Series**

<table>
<thead>
<tr>
<th>Model Number Key</th>
<th>Sample Model Number:</th>
<th>Option Codes: (Note: Base Units do Not Include Option Code)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DSM</strong> 8 ######</td>
<td><strong>E</strong> Dual Ethernet Ports, Dual Power Inlets <strong>DP</strong> Dual Power Inlets <strong>DC</strong> DC Powered <strong>NM</strong> Dial-Up Modem Not Included</td>
<td></td>
</tr>
</tbody>
</table>

**Port Buffer:**
- 256K per RS232 Port

**Ethernet Port(s):**
- 10/100/1000 BaseT, RJ45

**Internal Modem Option:**
- 56K v.92 Internal Modem with Dialback Security

**Internal Cellular Option:**
- 4G LTE for Verizon, AT&T or EU

**Operating Temperature:**
- 32°F - 140°F (0°C - 60°C)

**Humidity:**
- 10 - 90% RH

**Size:**
- Height: 1.75” (4.4 cm), 1 Rack U
- Width: 19.00” (48.3 cm)
- Depth: 6.55” (16.6 cm)

**Shipping Weight:**
- 8 Lbs (3.6 Kgs)

**Mounting:**
- 19” Rack Brackets Included

**Approvals:**
- UL, cUL, CE, FCC Class A

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**Model Series**

<table>
<thead>
<tr>
<th>Model Series</th>
<th>RS232 Ports</th>
<th>Ethernet Port(s)</th>
<th>Voltage</th>
<th>Power Input</th>
<th>Dial-Up Modem</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSM-8</td>
<td>(8) RJ45 (DTE)</td>
<td>1 or 2*</td>
<td>AC Models: 100 - 240 VAC, 50/60 Hz, 10 Watts Max.</td>
<td>AC Models: (1) IEC-320-C14 Inlet** DC Models: (1) Terminal Strip (#6-32)</td>
<td></td>
</tr>
<tr>
<td>DSM-24</td>
<td>(24) RJ45 (DTE)</td>
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</tr>
<tr>
<td>DSM-40</td>
<td>(40) RJ45 (DTE)</td>
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</tbody>
</table>

* Dual Ethernet Ports present on “E” Models only.
** 120 VAC Units Include IEC-60320-C13 to NEMA 5-15P Power Cable. Other Power Cables may be ordered separately.
*** Dial-Up Modem not present on “NM” models.

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**5 Year Warranty**
**Stocked for Same Day Shipments**
**In-House Design & Manufacturing**
**Made In USA**