

## Datasheet

### LX Series

#### 4108 Remote Site Manager

#### A Complete Out-of-Band Networking Solution

The 4108T Remote Site Manager combines all of the capabilities of a complete Out of Band Networking Solution in a single device optimized for remote locations. This solution gives IT administrators the ability to perform secure remote management of power resources, electronic equipment and physical/environmental conditions..

#### Intelligent Power Management

The device supports four managed power outlets which can be independently enabled or disabled to turn on, turn off, or power cycle attached devices greatly improving troubleshooting of non-responsive devices in remote locations. Using the 4108T network managers can remotely power cycle a locked up server, bring a redundant system online or turn on an auxiliary air conditioner. In addition to control capabilities the 4108T provides utilization statistics for the entire device and/or each individual power outlet. Individual outlet statistics greatly aid in the proactive planning and advanced troubleshooting of power related conditions.

#### Remote Device Access

The 4108T supports MRV's industry leading LX Series Console Server features which provides a highly capable and secure remote management solution. The 4108T provides secure management connectivity to network equipment, storage systems, servers, and security devices which support console or "craft" ports. The 4108T provides RJ45 RS-232 ports providing connectivity for up to eight devices. An internal v.92 modem provides an additional connectivity method in the event of network failure. An integrated 10/100 Ethernet hub provides 5 ports of connectivity for attached devices without the need to install an additional hub device, further reducing cost and complexity.

#### Environmental and Physical Infrastructure Monitoring

At un-staffed facilities that require lights-out management, the 4108T can be used to alert technical staff to a door or window opening, motion sensor activation, and changes in temperature.



Sophisticated Trigger/Action control can be customized to meet specific organizational notification and control requirements.

#### Applications

- Remote/branch offices
- Telco central office and remote facilities
- Utilities
- Enterprise data centers
- Test and development labs

#### Benefits

- Reduced Costs - Nearly eliminate the need for personnel to be physically present at remote equipment site
- Rapid return on investment from reduced site visits
- Single management interface for sensor network console/terminal servers and power control
- Improved Service Levels
- Simplified Event Notification and Response - Automatic response to an emergency can increase safety and avoid disasters
- Industry leading security features, including SSHV2, SNMPv3, RADIUS, SecurID, TACACS+

#### Industry Leading Security

MRV offers the industry's first console servers to meet the demanding US Government FIPS 140-2 cryptographic security standard. With US Government approved agency certification, the LX Series software delivers the most secure and richest set of features including point and click access to any port, per port password protection, SSH v2.0, SNMP V3, IP V6, RADIUS, SecurID, LDAP, TACACS+, PPP PAP/ CHAP, PPP dial-back, user access lists, and on-board user database capabilities

#### Easy, Powerful Management Tools

The 4000T Series has a management option to fit every style. The easy to use browser based Graphical User Interface allows full configuration and management. The industry standard style Command Line Interface provides easy to use navigation while also enabling integration with scripting automation tools.



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### Technical Specifications

<b>Serial Interfaces</b>	8 RS-232, RJ-45
<b>Port Speeds</b>	134 to 230.4 Kbps
<b>Network Interface</b>	5 Ethernet RJ-45 10/100 switch ports
<b>Modem Option</b>	V.92
<b>USB Ports</b>	2 USB 2.0
<b>Sensor/Alarm</b>	2 inputs and 2 outputs per RS-232 Port
<b>Rack Mount Form Factor</b>	19 inch, 1U rack unit
<b>Power Input</b>	Domestic: 100-120V, 60Hz International: 90-264V, 50Hz Inlet: IEC 60320 C20
<b>Input Rating</b>	Domestic: 20 Amps International: 16 Amps
<b>Outlet Type</b>	Domestic: 4 NEMA 5-20R International: 4 IEC C13
<b>Outlet Rating</b>	Domestic: 16A max International: 10A max
<b>Height</b>	4.34 cm, 1.71 in
<b>Width</b>	44.40 cm, 17.48 in
<b>Depth</b>	25.4 cm, 10 in
<b>Weight</b>	8.5 lbs (3.85 kg)
<b>Base Memory</b>	16 MB Flash, 256 MB
<b>Expansion and Accessories</b>	LX5250 and LX5210 Power Control Series LX7204 Sensor and Alarm Manager LX-000-015 Temperature/Humidity Sensor
<b>Environment Operating Temperature</b>	32 to 104° F (0 to 40°C) Long Term
<b>Storage Temperature</b>	-40 to 185° F (-40 to 85° C)
<b>Humidity</b>	5% to 85% Long Term
<b>Certifications</b>	Emissions/Immunity: FCC Part 15, Class A; Safety: UL 60950-1; CSA C22.2 No. 60950-00; CB Scheme; Telecommunications: Modern Models: FCC Part 68, IC CS 03 and CTR21; Environmental: RoHS 5/6; Security: FIPS 140-2 (Specific Models)

### Ordering Info

<b>LX-4108T-010AC</b>	8 RJ45 RS-232 Ports, 4 NEMA 5-20R, 110V, 20A IEC 60320/C20 Inlet  Inlet cord included, choose from available options*
<b>LX-4108T-110AC</b>	8 RJ45 RS-232 Ports, 4 NEMA 5-20R, v.92 modem, 110V, 20A IEC 60320/C20 Inlet  Inlet cord included choose from available options*
<b>LX-4108T-0E0AC</b>	8 RJ45 RS-232 Ports, 4 IEC C13, 230V, 16A, IEC 60320/C20 Inlet  Inlet cord included choose from available options*
<b>LX-4108T-1E0AC</b>	8 RJ45 RS-232 Ports, 4 IEC C13, 230V, v.92 modem, 16A, IEC 60320/C20 Inlet  Inlet cord included chose from available options*

### \*Power Inlet Cord Options

<b>LX-5250-PCORD6</b>	IEC 60320/C19 - 5-20P (20A Straight-Blade) 10' 110V
<b>LX-5250-PCORD7</b>	IEC 60320/C19 - L5-20P (20A Twist Lock) 10' 110V
<b>LX-5250-PCORD1</b>	IEC 60320/C19 - L6-20P (20A Locking) 10' 230V
<b>LX-5250-PCORD2</b>	IEC 60320/C19 - CEE 7/7 "Shuko" 10' 230V
<b>LX-5250-PCORD3</b>	IEC 60320/C19 - IEC 60306 (BS 4343, CEE17) "Commando" 10' 230V
<b>LX-5250-PCORD4</b>	IED 60320/C19 - BS 1363 10' 230V

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