The EDS1100 and EDS2100 device servers are unique, hybrid Ethernet terminal/multiport device servers which allow remote access to and management of virtually any IT/networking equipment or edge device such as medical equipment, POS terminals or security equipment.

**Safe, Remote Management and Data Access**
The EDS1100/EDS2100 device servers provide bullet-proof security by offering a variety of robust data encryption and authentication options. Featuring Lantronix’s powerful Evolution OS™ technology, the EDS provides enterprise-level security allowing safe remote access and management from practically anywhere.

**Quick and Easy Setup**
With no special software required, setup is a breeze with the included Windows-based DeviceInstaller™ application. EDS1100/EDS2100 device servers can also be set up locally via a serial port, or remotely over a network using Telnet, SSH, or a web browser (HTTP and HTTPS) or SNMP. The EDS1100/EDS2100 device servers also include the Lantronix Com Port Redirector™ virtualization software which allows existing serial port applications to work with the EDS1100/EDS2100 device servers with no code modifications.

**Easy Customization and Deployment**
IPv6 ready, Lantronix EDS1100/EDS2100 device servers also allow you to easily create and deploy Linux-based applications.

**EDS1100 & ED2100 Highlights**
- Quickly connect any device with a serial port to the network using robust SSH or SSL enterprise-level security
- Run Linux or Lantronix Evolution OS for the ultimate in application development flexibility
- Simple device set-up, configuration and monitoring with powerful, industry-standard management tools (Web, CLI, XML, SNMP)
- High performance 32-bit processor
- On-board memory (8MB SDRAM/8MB Flash)
Features and Specifications

**Hardware**
- High performance 32-bit processor
- On-board memory: 8MB SDRAM/8MB Flash

**Serial Interface**
- Modes: Software selectable RS232, RS422 or RS485 (2- and 4-wire configurations supported)
- Software selectable RS485/422 termination and biasing
- Standard and customizable serial data rates from 300 to 921 kbps
- Characters: 7 or 8 data bits
- Parity: Odd, Even, None
- Stop Bits: 1 or 2
- Modem Control: CTS, RTS, DTR/DCD
- Flow Control: XON/XOFF (SW), CTS/RTS (HW)

**Serial Connectors**
- EDS1100 (Single-port): 1 x DM25F (DCE)
- EDS2100 (Dual-port): 2 x DB9M (DTE)

**Network Interface**
- 10BaseT and 100Base-TX Link
- Protocols: HTTP, HTTPS, FTR, TFTP, Telnet, TCP/IP, UDP/IP, LPO, DHCP, SSHv2, SSLv3, SNMP v2, Auto IP, RAS, ARP, ICMP, SYSLOG, AES, SMTP, DNS, BOOTP, PPP, RFC2217

**Security**
- SSL v3, SSH v2 Client & Server, Selectable 128/256/512/1024 Bit certificates
- Encryption: AES, 3DES, RC4
- Authentication: SHA-1, MD5, Base-64 User Access Lists

**Software**
- Windows 98/NT/2000/XP/Vista-Based DeviceInstaller™
- Customizable with CGI
- Web content on local file system and updatable through ftp

**Management**
- Internal Web Manager (SSL Option for secure login)
- CL1 (over Serial Ports, Telnet or SSH)
- XML Configuration Records via CLI or FTP
- DeviceInstaller software
- Firmware: Upgradeable via FTP, TFTP, Web, and Serial Port
- Flash wear leveling and erase cycle statistics

**Internal Web Server**
- Customizable with CGI
- Web content on local file system and updatable through ftp

**Environmental**
- Extended Temp: -40° to 85° C (-40° to 185° F)
- Storage: -40° to 85° C (-40° to 185° F)
- Relative Humidity: 5 to 95%, non-condensing
- IP Rating: 30

**Power**
- Input supply: 9-30VDC
- Power Consumption: 1.8 Watts

**Regulatory Approvals**
- FCC Part 15, Subpart B, Class A
- EN55022, Class A
- EN55022 and EN55024
- EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11
- IEC 61000-4-8, EN61000-4-11
- AS/NCISPR22, VCCI
- CSA C22.2 No. 60950-1-3
- UL 60950-1, EN60950-1 (Eu)
- CE, C-Tick
- ACDIN1001-01
- ACDIN2001-01

**Dimensions**
- EDS1100: Size: 9.0 cm (3.5 in) L x 6.4 cm (2.5 in) W x 2.3 cm (0.9 in) H
  - Weight: 0.20 kg (0.45 lb)
- EDS2100: Size: 9.5 cm (3.7 in) L x 7.2 cm (2.8 in) W x 2.3 cm (0.9 in) H
  - Weight: 0.4 kg (0.9 lb)

**Warranty**
- 2 year limited

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