

# EDS8PS & EDS16PS

## Hybrid Ethernet Terminal & MultiPort Device Servers

### REMOTELY MONITOR, MANAGE AND CONTROL YOUR DEVICES

The EDS8PS and EDS16PS are unique, hybrid Ethernet terminal/multiport device servers which allow remote access to and management of virtually any IT/networking equipment or edge device like medical equipment, POS terminals or security equipment.

Featuring Lantronix' powerful Evolution OS™, EDS delivers an unprecedented level of intelligence and safety. With AES, SSH and SSL built in, EDS provides enterprise-level security allowing safe remote access and management from practically anywhere.

With no special software required, setup is a breeze with our Windows-based DeviceInstaller™, which can be used locally or remotely using Telnet, a web browser or XML.

Evolution OS provides 'data-center grade' protection so each networked device carries the same level of security as corporate data center equipment and provides robust defenses to hostile Internet attacks.

A "Cisco-like" command line interface (CLI) simplifies configuration and control, making it easier to integrate edge devices or data center equipment into the network.

Included, Lantronix' proprietary Com Port Redirector™ virtualization software allows existing applications to work with the EDS with no code modifications.

**DeviceLin**x™



- + Quickly connect any device with a serial port to the network using robust SSH or SSL enterprise-level security
- + Easily customize and enhance the EDS for your unique application with Evolution OS™
- + Simple device set-up, configuration and monitoring with powerful, industry-standard management tools (Web, CLI, XML, SNMP)
- + Sleek design, desktop or wall-mount, perfect for medical or other high visibility installations

**LANTRONIX**®

Think it. Connect it. Control it.

## FEATURES

- + **32-bit Intel X-Scale IXP420 processor at 266 MHz**
- + **On-board memory**
  - 8MB Flash
  - 64 MB SDRAM
  - 2 KB Program Cache/32K instruction and data cache
- + **Serial Interface**
  - Software selectable data rates from 300 to 230K Baud
  - Characters: 7 or 8 data bits
  - Parity: Odd, Even, None
  - Stop Bits: 1 or 2
  - Modem Control Signals: CTS, RTS, DTR, DCD
  - Flow Control: XON/XOFF (software), CTS/RTS (hardware), None
- + **Network Interface**
  - 10BaseT and 100Base-TX Link
  - 8 or 16 ports, RJ45 software selectable serial ports
  - Protocols: HTTP, HTTPS, FTP, TFTP, Telnet, TCP, UDP, LPD, DHCP, SSHv2, SSLv3, SNMP v2, Auto IP, RSS, ARP, ICMP, SYSLOG, AES, SMTP, DNS, BOOTP
- + **Security**
  - SSL v3, SSH v2
  - MD5, SHA-1
  - 3DES encryption
  - ARC 4 128-bit encryption
  - Password protections
  - IP address filtering
- + **Software**
  - Windows 98/ME/NT/2000/Vista-Based DeviceInstaller<sup>™</sup>
  - ComPort Redirector<sup>™</sup> and related utilities
  - Secure ComPort Redirector
- + **Management**
  - Internal web server, SNMP v2, Serial Login, Telnet SSH login, XML
  - Upgradeable FW via the Web Manager, FTP or serial port
  - Storage capacity 6 MB
- + **Environmental**
  - Operating: 0° to 55° C (32° to 131° F)
  - Storage: -40° to 70° C (-40° to 151° F)
  - Relative Humidity: 5 to 95%, non-condensing
- + **Power**
  - 100-240VAC, 50 to 60 Hz IEC-type cord
  - 20 Watts

- + **Dimensions**
  - EDS8 PS**
    - Length: 12.8cm (5.02 in.)
    - Width: 22.7cm (8.92 in.)
    - Height: 4.3cm (1.7 in.)
    - Weight: 0.499Kg (1.1lbs)
  - EDS16PS**
    - Length: 12.8cm (5.02 in.)
    - Width: 22.7cm (8.92 in.)
    - Height: 6cm (2.36 in.)
    - Weight: 0.616Kg (1.36lbs)
- + **Regulatory Approvals**
  - FCC Part 15, Subpart B, Class A
  - EN55022, Class A
  - EN55022 and EN55024
  - EN61000-4-2, EN6100-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-6, EN61000-4-11, EN61000-4-11
  - ICES-003 Issue 4
  - AS/NZS CISPR22, VCCI
  - CSA C22.2 No. 60950-1-3
  - UL 60950-1, EN60950-1 (Eu)
  - CE, C-Tick
- + **2-year limited Warranty**

## ORDERING INFORMATION

+ Part Number	+ Description
EDS008PS-02	<b>EDS8PS</b> multi-port, secure device server; 8-port, 100-240 VAC
EDS016PS-02	<b>EDS16PS</b> multi-port, secure device server; 16-port, 100-240 VAC
<b>+ Accessories</b>	
200.2066A	RJ45 to DB25M cable adapter (DTE Device)
200.2067A	RJ45 to DB25F cable adapter (DTE Device)
200.2069A	RJ45 to DB9M cable adapter (DTE Device)
200.2070A	RJ45 to DB9F cable adapter (DTE Device)
200.2071	RJ45 to DB9M cable adapter ( DCE Device)
200.2072	RJ45 to DB9F cable adapter (DCE Device)
200.2073	RJ45 to DB25M cable adapter (DCE Device)
200.2074	RJ45 to DB25F cable adapter (DCE Device)
500-153	Cable; RJ45 Loopback Adapter
ADP010104-01	Cable; rolled serial adapter, 0.1m (0.33 ft)
200.0062	Cable; RJ45, 2 m (6.6 ft)
200.0063	Cable; RJ45, 5 m (16.4 ft)
200.0064	Cable; RJ45, 10 m (32.8 ft)
200.0065	Cable; RJ45, 15 m (49.2 ft)



### CORPORATE HEADQUARTERS

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