

# 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.



- + 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

## 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>TM</sup>
  - ComPort Redirector<sup>TM</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, EN61000-4-3, 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

EDS008PS-02  
  
EDS016PS-02

### + Description

**EDS8PS** multi-port, secure device server; 8-port, 100-240 VAC  
  
**EDS16PS** multi-port, secure device server; 16-port, 100-240 VAC

### + Accessories

|              |  |
|--------------|--|
| 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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