REMOTELY MONITOR, MANAGE AND CONTROL YOUR DEVICES

The EDS8PS and EDS16PS are unique, hybrid Ethernet terminal/multiport device servers which allow remote access 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, SNMPv2, Auto IP, RSS, ARP, ICMP, SYSLOG, AES, SMPT, 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™
  • ComPort Redirector™ 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 158° 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, EN61000-4-11, 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

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<th>Part Number</th>
<th>Description</th>
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<tr>
<td>EDS008PS-02</td>
<td>EDS8PS multi-port, secure device server; 8-port, 100-240 VAC</td>
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<tr>
<th>Accessories</th>
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<td>200.2067A</td>
<td>RJ45 to DB25F cable adapter (DTE Device)</td>
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<tr>
<td>500-153</td>
<td>Cable; RJ45 Loopback Adapter</td>
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<td>ADP010104-01</td>
<td>Cable; rolled serial adapter, 0.1m (0.33 ft)</td>
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<td>Cable; RJ45, 2 m (6.6 ft)</td>
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<td>200.0063</td>
<td>Cable; RJ45, 5 m (16.4 ft)</td>
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<tr>
<td>200.0064</td>
<td>Cable; RJ45, 10 m (32.8 ft)</td>
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<tr>
<td>200.0065</td>
<td>Cable; RJ45, 15 m (49.2 ft)</td>
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