

EDS1100 & EDS2100

Hybrid Ethernet Terminal & MultiPort Device Servers

REMOTELY MONITOR, MANAGE AND CONTROL YOUR DEVICES

The EDS1100 and EDS2100 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.

The EDS provides bullet-proof security by offering a variety of robust data encryption and authentication options. Featuring Lantronix' powerful Evolution OS™ with AES, SSH and SSL built in, the EDS provides enterprise-level security allowing safe remote access and management from practically anywhere. What's more, the option to run Linux, with IPv6 built in, enables you to deploy custom applications and take advantage of large feature-libraries available for Linux developers.

With no special software required, setup is a breeze with the included Windows-based DeviceInstaller™. The EDS 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 EDS also includes Lantronix' patent pending VIP (virtual IP) Access™ technology, which allows for seamless integration with the AccessMyDevice™ remote services enablement platform.

Included, Lantronix' proprietary Com Port Redirector™ virtualization software, allows existing serial port 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
- + 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)
- + VIP Access technology seamlessly integrates with Lantronix' AccessMyDevice remote services enablement platform

LANTRONIX[®]
CONNECT SMART. DO MORE.

EDS1100 & EDS2100

FEATURES

- + **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 921kbps
 - 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)
- + **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, FTP, TFTP, Telnet, TCP/IP, UDP/IP, LPD, DHCP, SSHv2, SSLv3, SNMP v2, Auto IP, RSS, 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
- + **VIP Access™ Enabled**
 - Seamless integration with AccessMyDevice™ remote service enablement platform
- + **Software**
 - Windows 98/NT/2000/XP/Vista-Based DeviceInstaller™
 - ComPort Redirector™
 - Secure ComPort Redirector
- + **Management**
 - Internal Web Manager (SSL Option for secure login)
 - CLI (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: 9-30 VDC
 - Power Consumption: 1.8 Watts maximum
- + **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)
- + **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
ED1100002-01	EDS1100 One-port, secure device server, 100-240 VAC International power supply with regional, RoHS, w/Evolution OS
ED1100002-LNX-01	EDS1100 One-port, secure device server, 100-240 VAC International power supply with regional, RoHS, w/Linux OS
ED2100002-01	EDS2100 Two-port, secure device server, 100-240 VAC International power supply with regional, RoHS, w/Evolution OS
ED2100002-LNX-01	EDS2100 Two-port, secure device server, 100-240 VAC International power supply with regional, RoHS, w/ Linux OS
+ Accessories	
500-163-R	DB25M to DB9F serial cable
500-164-R	DB9F to DB9F Null modem cable
500-171-R	DB25M to RS485 and 9-30 VDC power input screw terminal adapter
ACDIN1001-01	Optional DIN-rail mount



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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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