

**EDS01612N-02**

EDS16PR multi-port, secure device server;
1U, 16-port, 100-240 VAC

Evolution Device Server
Ethernet Terminal Servers / Device Servers
\$915.00

Remotely Monitor, Manage and Share Equipment Over a Network or the Internet

EDS is a unique, hybrid Ethernet terminal and multi-port device server product designed to remotely access and manage virtually all of your IT/networking equipment and servers, as well as edge devices such as medical equipment, kiosks, POS/retail terminals, security equipment and much more.

Delivering a data center-grade, programmable device computing and networking platform for integrating “edge” equipment into the enterprise network, rack-mountable EDS models are available in available in 8, 16 and 32 port configurations.

Featuring Evolution OS®, our powerful real-time networking operating system, they deliver an unprecedented level of intelligence and security to networked equipment. With these innovative, versatile products, multiple electronic devices can become secure members of the corporate network that can be accessed and managed from virtually anywhere, at any time.

Easy to Setup

Without requiring any special software, these multi-port device servers can connect up to 8 to 16 or 32 RS-232 serial devices to your network in a matter of minutes. Using a unique method called “serial tunneling,” they encapsulate serial data from the device into packets to transport it over Ethernet.

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, a web browser or SNMP.

Bullet-proof Security

Evolution OS provides a ‘data center-grade’ level of protection so each device on the network carries the same level of security as IT equipment in your corporate data center. The EDS feature robust defenses to hostile Internet attacks such as denial of service (DoS) and port mapping that could be used to take down your network. The hardened OS and mature protocol stack prevent the device servers from being used to bring down other devices on the network. And with built-in AES, SSH and SSL, they provide robust key management algorithms that:

- Verify that any data received came from the proper source
- Validate that data transferred from the source over the network is unchanged when it arrives at its destination
- Provide the ability to run popular M2M protocols over a secure SSH or AES connection

With SSH and SSL, they support a variety of popular cipher technologies including 128/256/512/1024-bit AES (Rijndael), 3DES and RC4 Encryption Public/Private keys and hashing algorithms such as SHA-1 and MD5. HTTP authentication uses Base-64, Digest Authentication and SSL.

Standards-Based Communications

Cisco-like CLI – The EDS utilizes a Cisco-like command line interface (CLI) with syntax very similar to that used by data center equipment such as routers and hubs.

Order Info / Part #'s

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