

Secure Terminal Servers, STS Series, STS800/1600

Secure Terminal Servers



Powerful Security

SSH, HTTPS, SSL, RC4 and 3DES



Features

- Wireless Ethernet support by PC card interface
- Connects legacy serial devices to 10/100Base-T Ethernet network
- Supports RS232/422/485 based serial devices, up to 230Kbps speed
- Single-slot PC card interface supports ATA flash memory, Wireless LAN and modem
- Powerful security support, SSL(Secure Socket Layer) and encryption protocols such as RC4 and 3DES
- Supports powerful Ethernet modem function
- Dynamic DNS and PPPoE protocol for DSL connection to broadband Internet
- Configuration via Web, Telnet, SSH or serial port
- Management software for configuration and administration included

The Linux-based Terminal Server, STS Series, STS800/1600 is a universal Secure Terminal Server that makes your legacy serial devices manageable via industry standard Ethernet network. Based on open network protocols such as TCP/IP and UDP, it gives you ultimate flexibility to your serial devices.

For secure data communication, the STS Series supports various data encryption protocols such as SSL, 3DES and RC4. In addition, IP address filtering function is provided for protecting unintentional data streams to be transmitted to the STS Series.

Featuring PCMCIA slot for enhanced functionality, the STS Series supports many kinds of PC cards such as Wired/Wireless LAN card to access another network for back up purpose, Phone-line modem card for out-of-band access to the STS Series with an external modem, and ATA Fixed Disk card to keep the system log and port log data safely.

With PPPo-E(PPP-over-Ethernet) connection feature of the STS Series, the RS232 serial devices could be managed over DSL-based broadband network. With the rich broadband network connectivity protocols such as DHCP, PPPoE and Dynamic DNS, you could easily manage the legacy serial devices over broadband Internet by using DSL or cable modem connection. The built-in Dynamic DNS protocol of the STS Series enables you to access the serial devices with their domain names.

The STS also provides you with easy-to-use system management functionality of system status display, firmware upgrade and remote reset by using various ways such as telnet/SSH, serial console port or web. The powerful system logging feature enables users to store/send the system/port log data to the NFS, SYSLOG server and the ATA Flash fixed disk PC card.

Typical application areas of the STS Series are:

- Industrial Automation
- Network management
- Retail/Point of Sale
- Remote metering
- Remote display
- Remote display
- Building automation
- Security/Access control Systems
- General data acquisition application
- Medical Automation

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The product specification is subject to change without prior notice.

STS800/1600

Secure Terminal Servers

Specifications

	STS800	STS1600
Serial Interface	8-port RJ45 connector	16-port RJ45 connector
	Serial speeds 1200bps to 230Kbps	
	Flow Control: Hardware, Software	
	Signals: RS232 Rx, Tx, RTS, CTS, DTR, DSR, GND	
Network Interfaces	-10/100 Base-TX Ethernet with RJ45 Ethernet connector - Supports static and dynamic IP address	
Protocols	ARP, IP/ICMP TCP, UDP Telnet/SSH DNS, Dynamic DNS HTTP/HTTPS, SMTP, NTP DHCP client PPPoE SNMP v1 & v2	
PCMCIA	ATA flash memory card 10/100 Base-TX LAN card Wireless LAN card PSTN modem card	
Modem emulation	Full support for AT commands	
Security	User ID & Password Data Encryption: SSL (Secure Socket Layer) RC4, 3DES IP address filtering HTTPS	
Approvals	FCC, CE, MIC	

	STS800	STS1600
Management	<ul style="list-style-type: none"> - Web - Serial console port - Telnet or SSH - HelloDevice Manager software - O/S support: Windows 98/ME/NT/2000/XP - System log delivery: email or SYSLOG server or flash memory card - Full-featured system status display - Firmware Stored in Flash memory and downloadable via serial console or telnet or web 	
Diagnostic LED	Power Ready 10/100 Base Link, Act Serial InUse/Rx/Tx for each serial port PCMCIA	
Power	5VDC 1.5A @5VDC	110~250VAC 12.5W
Environmental	Operating temperature: 5 C to 50 C Storage temperature: -40 C to 66 C	
Physical properties	245 x 153 x 30 (mm) 9.6 x 6 x 1.2 (in.) 1.5kg	435 x 186 x 43 (mm) 17 x 7.6 x 1.75 (in.) 2.8kg
Warranty	5-year limited warranty	

Ordering Information

STS800 8-Port Secure Terminal Server
STS1600 16-Port Secure Terminal Server

All items includes Quick Start Guide
CD-ROM
Cable kit
Power cord or External 110V or 230V power supply

Optional Rack Mounting kit for STS800

For more information, please visit us at
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