Serial Device Servers -1, 2 & 4 Ports

100 series: RS-232 to Ethernet (LAN)
400 series: RS-232/422-485 to Ethernet (LAN)

PRODUCT FEATURES

- Built-in web server for convenient browser-based configuration and support
- Fast serial baud rates up 921 kbps and auto-negotiating 10/100 Ethernet speed
- Serial tunneling, IP multicast, virtual COM port modes for flexibility and easy integration
- SNMP support for simple network management
- Surge suppression and +5V Out options

Industry-leading, Device Networking Performance
When you need the ultimate in performance, ease of use and reliability, Quatech™ Serial Device Servers provide the highest throughput and lowest latency available. With budget-friendly prices, you won't find a better price-to-performance ratio!

Overcome Serial Limitations By Network Enabling Devices
Serial devices are used in virtually all industries and are proven to be reliable and robust. But there are drawbacks – cable lengths are limited and costly, COM ports are often in short supply, and attached serial devices are not remotely accessible for monitoring and support. A Quatech™ Device Server overcomes all these limitations. Hardware and drivers are invisible to connected serial devices and their software applications, routing data through an IP network to "virtual" COM ports installed on the host PC.

Installation Wizard Makes It Easy To Get Started
An intuitive Installation Wizard gets you up and running quickly, automatically searching local and remote subnets for installed device servers in seconds. Network settings automatically assigned by DHCP networks are displayed for confirmation. Or enter a static IP address – no bother with telnet sessions, MAC address data entry or special cables. Quatech™ device servers may be managed through the Windows® Device Manager interface or a Web browser, so you can count on trouble-free configuration and maintenance long after the initial installation is completed. Models use the same drivers, manuals and installation wizard to simplify deployment and use.

ORDERING INFORMATION

MODEL NUMBER	NUMBER OF PORTS	INTERFACE	CONNECTOR
SSE-100D	1	RS-232	DB9 male
SSE-100D-5V	1	RS-232	DB9 male
SSE-100D-SS	1	RS-232	DB9 male
SSE-400D	1	RS-232/422-485 (MEI)	DB9 male
SSE-400D-SS	1	RS-232/422-485 (MEI)	DB9 male
DSE-100D	2	RS-232	DB9 male
DSE-400D	2	RS-232/422-485 (MEI)	DB9 male
QSE-100D	4	RS-232	DB9 male
QSE-100D-SS	4	RS-232	DB9 male
QSE-100M	4	RS-232	RJ-45 female
QSE-400D	4	RS-232/422-485 (MEI)	DB9 male
QSE-400M	4	RS-232/422-485 (MEI)	RJ-45 female
QSE-400D-SS	4	RS-232/422-485 (MEI)	DB9 male

400 models: MEI (Multi-Electrical Interface) supports RS-232, RS-422/485 on all serial ports.

SS models: Surge suppression of 40-A peak, 8x20 Joules transient surges, clamping voltage of 30V (RS-232) or 15.5V (RS-422/485), peak energy dissipation of 0.1 Joules

5V models: +5V Out at pin 9 to power external devices

ACCESSORIES

PS-SDS - Replacement Wall transformer 120VAC/DC Power Supply 5VDC @ 3W, 2.1 MM plug (NA Kit)

DS-RACK-BLK - Rack Mount Kit for QSE models-Black

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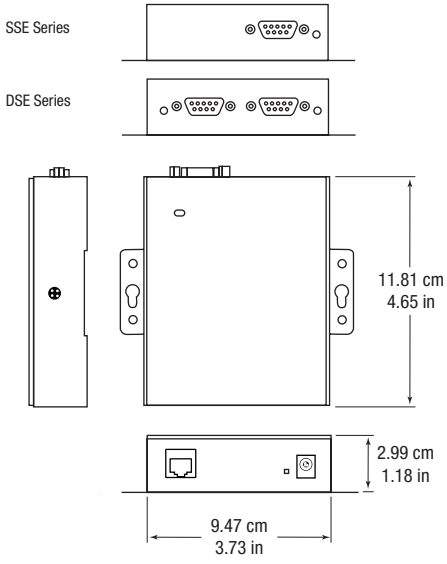
SPECIFICATIONS

SERIAL TECHNOLOGY	
RS-232	DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI
RS-485 2-Wire	Data +, Data -, GND
RS-422/485 4-Wire	AuxIn-, RxD+, TxD+, AuxOut-, GND, RxD-, AuxOut+, AuxIn+, TxD-
Data Rate	Up to 921.6k bps (-SS models: up to 115.2k bps)
POWER	
Source	Power supply included
Input Voltage	5 VDC
Connector	Barrel
Power Consumption	4W (typical), 10W maximum
MECHANICAL	
LED Indicators	Power, Link, Speed, Data, Status
Switches	Reset button
Dimensions, SSE/DSE	11.81 x 9.47 x 2.99 cm (4.65 x 3.73 x 1.18 in)
Dimensions, QSE	25.35 x 13.72 x 3.43 cm (9.98 x 5.40 x 1.35 in)
Enclosure	Metal
ENVIRONMENTAL	
Operating Temperature	0 to +70°C (-40 to +70°C, storage)
Operating Humidity	10% to 90% non-condensing
NETWORK	
SDRAM	8 MB
FLASH Memory	2 MB

NETWORK COMMUNICATIONS	
LAN	10/100 Base T
NETWORK PHYSICAL LAYER STANDARDS	
Ethernet	IEEE 802.3 auto-negotiating, auto MDI/MDIX
PROTOCOLS	
Protocols	UDP, TCP/IP, HTTP, DHCP, ARP, ICMP, SNMP (MIB II)
IP Mode	DHCP, static IP, custom UDP
TCP/UDP UDP	User definable Unicast, Multicast
OTHER	
Connection Mode	Normal, Tunneling, Raw TCP, Auto TCP, Raw UDP
Client Connection	Supported
Diagnostics	Port Status, Ping Test
Firmware Upgrade	Via web interface
CONFIGURATION SOFTWARE	
OS Compatibility	Windows supported up to and including 32-bit/64-bit Win7 (WHQL signed), Linux (four 2.6.27 kernel)
REGULATORY / CERTIFICATIONS / SAFETY	
Compliance	FCC, CE, IC

MECHANICAL DIAGRAM
SSE/DSE MODELS



MECHANICAL DIAGRAM
QSE MODELS