



# Serial Device Servers - 1, 2 & 4 Ports

100 series: RS-232 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  |
| DSE-100D     | 2               | RS-232    | DB9 male  |
| QSE-100D     | 4               | RS-232    | DB9 male  |

## 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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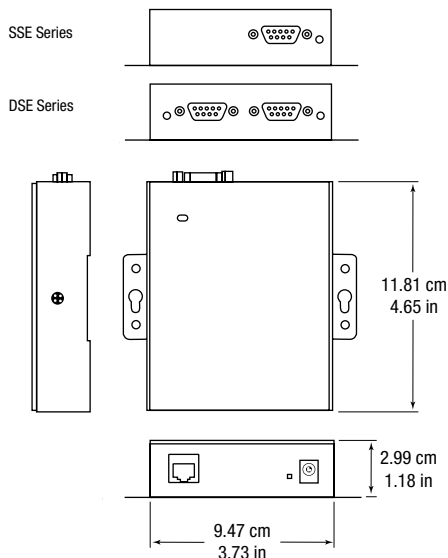


## SPECIFICATIONS

| SERIAL TECHNOLOGY     |   |
|-----------------------|---|
| RS-232                | DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI      |
| Data Rate             | Up to 921.6k 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                              | User definable   |
| UDP                                  | 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) |
| REGULATORY / CERTIFICATIONS / SAFETY |  |
| Compliance                           | FCC, CE, IC  |

## MECHANICAL DIAGRAM SSE/DSE MODELS



## MECHANICAL DIAGRAM QSE MODELS

