

## Technical Data Sheet—Terminal Server

The DataCaptor Terminal Server is a high performance, high reliability serial-to-Ethernet concentrator especially designed for the medical environment. The Terminal Server allows connection of all your RS-232 equipped bedside medical devices to the network, sending data to your Hospital Information System in the safest possible way. The Terminal Server can be mounted directly at the patient bedside to connect medical devices such as patient monitors, ventilators, infusion pumps and other equipment to the network for automatic patient charting or other clinical applications. Models include a 400 series (4– port serial to Ethernet) and a 800 series (8–port serial to Ethernet).

Galvanically isolated RS-232 serial and Ethernet ports assure maximum electrical and patient safety, and a robust enclosure is designed for rigorous healthcare environmental requirements. DataCaptor Terminal Server is a medical grade product compliant with IEC-60601-1 standards.

### Features:

- Medical grade IEC 60601-1 compliant
- 4/8 separately isolated RJ-45 serial ports; EIA-232 interface (2.5 kV)
- Isolated Ethernet port; (1.5 kV)
- TCP/UDP Socket Services
- DHCP/RARP/ARP-Ping, Static IP for IP Address assignment
- 10/100Base-T Ethernet support (half-duplex capable only)
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- LED status for link and power
- Wall mountable
- Internal power supply

### Dimensions:

- Length: 9.30 in (23.50 cm)
- Width: 10.60 in (26.90 cm)
- Depth: 2.10 in (4.20 cm)
- Weight: 3.00 lbs (1.36 kg)

### Power Requirements

- Internal 100-240V, 50-60 Hz
- Amperage usage per unit 0.2 AMPs
- UL certified
- Surge Protection
  - 4 kV burst (EFT) per EN61000-4-4
  - 4 kV isolation input to output
  - 2 kV surge per EN61000-4-5



### Ordering Information:

DataCaptor Terminal Server 400 Series: A-01-001-003-01  
DataCaptor Terminal Server 800 Series: A-01-001-003-02