

## **TEAMLINK 5088 TS 16 PORT TERMINAL SERVER**

TEAMLINK 5088 TS 16 Port Terminal server is a versatile and High performance system that provides 16 asynchronous RS232 Ports, One Console Port and One Ethernet Port or 8 Port In-built Ethernet switch. The TEAMLINK Terminal server enables the users to remote login the system using the rlogin and Telnet and TCP/IP Network.

### **Features**

- ❖ Connecting the RS232 Terminal Ports using the TCP/IP protocols
- ❖ Connecting through the Telnet and Remote Login using the TCP/IP Protocols Over the 10/100 Mbps Ethernet Interface
- ❖ Connecting the Remote Host systems after power on using the implicit connections
- ❖ Built in 8 PORT Ethernet switch ordering time Option
- ❖ Configuration and status Monitoring is from menu driven console and Telnet port with the multiple telnet sessions
- ❖ 1500V AC Isolation protection on Transmit, Receive and Ground connections of all Asynchronous ports
- ❖ Supports Answer back codes on each terminal ports
- ❖ Supports TCP Client and Server, Telnet client and Server Options, Rlogin client
- ❖ Implicit, Fixed, switched Mode of configuration on each Terminal Port
- ❖ Parallel Printer port
- ❖ Power Consumption less than 20W
- ❖ Supports hostname to IP address mapping

### **Technical Specifications**

#### **Terminal Ports**

- ❖ Number of Ports:16
- ❖ Compliance :RS232 Asynchronous
- ❖ Connector Type: RJ45 with the TXD, RXD, GND signals
- ❖ Terminal Port Speed : Speed Up to 115.2Kbps
- ❖ Indications: Transmit and Receive
- ❖ Implicit or switched Mode of connections between each Terminal port and the Host
- ❖ Supports Multiple Sessions and Each Terminal Port will support 8 sessions
- ❖ Allows the switching between Multiple sessions
- ❖ Status Display of Each Terminal Ports for the Sessions status and current sessions
- ❖ Ports Statistics ( Over run errors, Parity Errors etc )

### Protocols Supported

- ❖ TCP, IP
- ❖ SLIP, CSLIP
- ❖ PPP
- ❖ ICMP
- ❖ Network Print services

### Ethernet Port Specifications

- ❖ Supports 10 Mbps and 100 Mbps speeds According to the ITU-T 802.3 u
- ❖ 10Mbps / 100Mbps Half Duplex / Full Duplex Flow control Operation
- ❖ Compliant to IEEE802.3 and IEEE802.3 u, IEEE802.3x standards
- ❖ 8K MAC address entries with the automatic learning and aging
- ❖ Supports Auto Cross Over and Auto MDI-X Option
- ❖ Transmit and Receive Packets and Error statistics
- ❖ RJ 45 Connector

### Parallel Printer Port

- ❖ No. of Ports : 1
- ❖ Compliance : Centronics, PC Compatible, on 25 pin D-type socket

### Management

- ❖ Configuration and Status Monitoring of the Terminal Server is using Menu driven consol or Supervisory using the 115.2Kbps / 9.6Kbps, 8 Bit no parity RS232 Port
- ❖ The RS232 Console/ Supervisory is compliant with the ITU-T V.24 / EIA RS232 Asynchronous Format
- ❖ Allows the Multiple Telnet sessions for the concurrent Operations from different administrators
- ❖ Password Protection on the console and Telnet to prevent the unauthorized person's login into the terminal servers
- ❖ Firmware Up gradation is using the FTP Protocol
- ❖ Local Prompt on each Terminal Port
- ❖ Supports SNMP V1 and V2

### Diagnostics

- ❖ Port Level Statics and Diagnostics facility
- ❖ Port reliability feature
- ❖ Sending the Message on Terminal Ports
- ❖ Port Level Error statistics Parity Errors, Over Run Errors etc
- ❖ Trace Route from Console and the Each Port for easy checking of the Ethernet connectivity from Terminal server to the Remote Host.

### Indications

- ❖ Transmit and Receive on each RS232 Terminal Port
- ❖ Link and Speed on each Ethernet Port

### Power Supply

- ❖ 190V AC to 270V AC Operation
- ❖ 50 +/- 2Hz Frequency

### Environment

- ❖ Operating Temperature : Upto 50°C
- ❖ Operating Humidity : Upto 95%

### Casing

- ❖ Rugged MS box as per the Field Conditions
- ❖ 19" Rack Mountable system 1U Height

### Accessories

- ❖ UTP Cable – 2 Mtrs. length with RJ45 connector at one end & 25 pin D Connector at the other
- ❖ UTP Cable – 2 Mtrs. length with RJ45 for connecting to Switch/Hub (will be provided 1 No. per Terminal Server)
- ❖ All connections of cable are wire-to-wire straight

### APPLICATION DIAGRAM

