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
- ❖ 15KV ESD Protection on Each Terminal port for the Rugged Operating conditions
- ❖ 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

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
- ❖ Protection : 15KV ESD Protection on Each Terminal Port
- ❖ 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 supports 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
- ❖ Network print services

Ethernet PORT Specifications:
- ❖ Supports 10 Mbps and 100 Mbps speeds According to the ITU-T 802.3 u
- ❖ Each Port Enable and disable functions
- ❖ 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
- ❖ Port Based VLAN
- ❖ Supports Auto Cross Over and Auto MDI-X Option
- ❖ Transmit and Receive Packets and Errors statistics
- ❖ RJ 45 Connector
- ❖ CSMA/CD

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 , 8Bit 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
- ❖ Traceroute

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
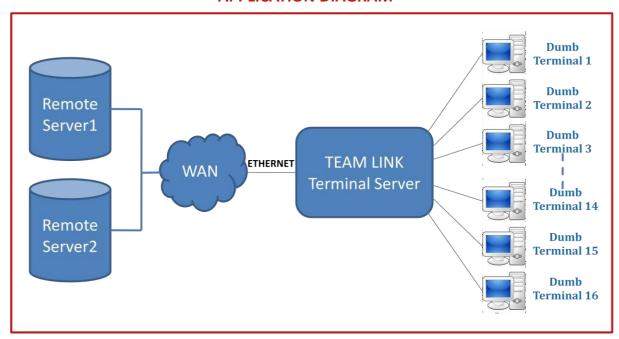- ❖ 50+/ 2 Hz Frequency

Environment
- ❖ Operating Temperature   : 0 to 50°C
- ❖ Operating Humidity : 5% to 99%

Casing:
- ❖ Rugged Metallic Aluminum Casing as for the Field Conditions
- ❖ 19" Rack Mountable system 1U Height

APPLICATION DIAGRAM