

Teamlink 3301 E1

CSU / DSU (E1 to E1 / V.35 / Ethernet Converter)

Teamlink 3301 E1 to E1/V.35/Ethernet Converter supports maximum speed of 2.048Mbps on any interface. It can be configured to use all three Interfaces (Sub E1, V.35 and Ethernet) simultaneously. Teamlink 3301 has user friendly Menu driven Console port for configuration, status monitoring and Diagnostics. The converter can also be managed through an additional Ethernet port using Telnet and SNMPv2.

Features

- ✍ Interfaces : Main E1, Sub E1, V.35 and Ethernet
- ✍ All Interfaces can be configured to work simultaneously
- ✍ Time slot allocation for each interface in framed mode
- ✍ In unframed mode any one of the interface can be configured for Main E1 data path
- ✍ Supports Unframed and Framed Operation
- ✍ Complete Network Manageable using Console/Telnet/SNMP
- ✍ In-Band or Out-of-Band Management
- ✍ Local Loop, Remote Loop, Order Remote Loop and built-in pseudo random code Test function for easy installation & Maintenance.
- ✍ Supports unbalanced 75Ohm & 120Ohm balanced.
- ✍ Ethernet Monitor self reset function
- ✍ 2 lines by 16 characters LCD display and 4 key keypad for user to operate.

Technical Specifications

Main E1 Interface	Sub E1 Interface
✍ Channel Capacity : 01 Channel	✍ Nx64 Speed of Operation where N value is 1 to 32
✍ Framing / Unframing : Nx64Kbps, N=1,32	✍ Unframed, PCM30 and PCM31 operational
✍ Bit Rate : 2.048 Mb/s + 50 ppm	✍ Compliance : G.703
✍ Line Code : HDB3	✍ Data Rate : 2.048 Mbps
✍ Line Impedance : 120 Ohm / 75 Ohm unbalanced	✍ Line Code : HDB3, AMI
✍ Connector : Rj45 or BNC	✍ Max Frame Size : 1800 bytes
✍ Pulse Shape : ITU - T G.703	✍ Line Impedance : 120 Ohms, balanced / 75 Ohms unbalanced
✍ Jitter Performance : ITU - T G.823, G.742	✍ System Clock : Internal or loopback timing
✍ Clock : Inter Clock and Line Clock	✍ Diagnostics : Remote and local loopback
✍ Output Jitter : <0.05 UI	✍ Connector : RJ-45

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V.35 Interface	Ethernet Interface
✘ DB34 Female Connector	✘ Interface Rate : 10/100 Mbps
✘ Nx64 Speed Selection	✘ Duplex: Half & Full Duplex self adapt
✘ Clock Recovered from Main E1/Sub E1/DTE/Local Oscillator	✘ Interface Character : Match IEEE802.3, IEEE802.1 Q(VLAN)
✘ Data Rates : 2.304 Mbps (nX64 Kbps, n=1 to 36)	✘ Connector : Rj45, Support Auto-mdix
✘ Clock Modes : Internal clock, Line Recovered clock or External clock	✘ MAC Address Capability : 4096
✘ Connector : RJ45 for Balanced and BNC for Unbalanced	✘ Routing protocol supported : RIP I, RIP II and static
✘ Clock Mode : Internal clock or G.703 Recovered clock	✘ WAN protocol supported : HDLC and PPP
✘ Framed and Unframed Operation	✘ LED's : PWR, Main E1 LOS, Sub E1 LOS, DTR, RTS, LINK, SPD, TST, PAT OK, ERR
✘ User selectable CRC-4 Generation and Detection	Power Supply
Work Environment	✘ DC: -48V(-36 to -72V); +24V (Optional)
✘ Operating Temperature : 0 ^o to 50 ^o	✘ AC: 230 V AC; 50 Hz
✘ Storage Temperature : -40 ^o to +70 ^o	✘ Power Interface : DC Power Terminal / AC Socket
✘ Relative Humidity : 10% to 95% (25 ^o Non Condensed)	✘ Power Consumption : <5 W

