TEAMLINK 3404
4Fast Ethernet to 4E1 Converter

Features

- TEAMLINK 3404 Transports the Ethernet Traffic over 4E1 lines
- Enables the higher bandwidth capacity Ethernet Services to Remote locations
- TEAMLINK 3404 uses next generation Ethernet over PDH network protocols like GFP (G.8040),Virtual Concatenation (VCAT G.7043) and Link capacity adjustment scheme (LCAS G.7042)
- Inter operable with the any device which is using the standard Protocols like GFP, VCAT, and LCAS for connecting.
- Four 10/100 Mbps Electrical Ethernet Ports.
- VLAN-aware and VLAN-unaware operation
- Self–Learning Ethernet Bridging
- QOS based on VLAN Priority
- Maximum Ethernet Frame size 2048 Bytes.

TECHNICAL SPECIFICATION

E1 Interface
- Number ports   : 4/8/16E1 Ports (8 and 16 are ordering time option)
- Bit Rate   : 2.048Mbps
- Line Coding   : HDB3
- Line Impedance   : Balanced 120 Ohms
- Interface Connectors : RJ45 or Two BNC Connectors (Optional)
- Complies With   : ITU G.703 and G.704.
- System Clock   : Internal or loop back timing
- Connector   : RJ45 Connector

Ethernet Interface
- Number ports   : 4
- Ethernet Interface   : 802.3, 802.u Compliance
- Type   : 10/100Mbps, Auto Negotiation, Auto Cross Over
- Connector   : RJ45
- Flow Control   : Full/Half Duplex operation
- Max frame size   : 2048 bytes
- Supports Each Ports Statistics Display for the Broadcast Multicast Unicast , Error Packets

WAN Protocol
- Encapsulation: GFP, HDLC
- GFP based on G7041

Management and Maintenance
- In band or Out of Band Management via Network Port Using the
   Telnet
   SNMP v1 or v2
   TEAM View EMS
- E1 Alarms and the Ethernet Alarms notifications
- Ethernet Transmit, Receive, Collusion, Error, Short Length Packets Display
- Local Management is from ASCII terminal connected to the Local RS232 PORT
- Remote in-band management is from one of the user Ports using the Telnet or SNMP.

Diagnostics
- Remote Loopbacks on E1 Interfaces

Clock Selection
- Internal Clock or Local Oscillator Timing
- Loop back timing or Recovered Clock timing

Front Panel Indications
- PWR, E1LOS [1to 16E1s], ETHLINK, ETHSPD, TEST

Local Terminal Port
- Type   : RS232
- Data Rate   : 115.2Kbps
- Connector   : RJ45

Power Supply
- Operating Voltage   :   230VAC +10%, -15%, 50Hz and -40VDC to -57VDC
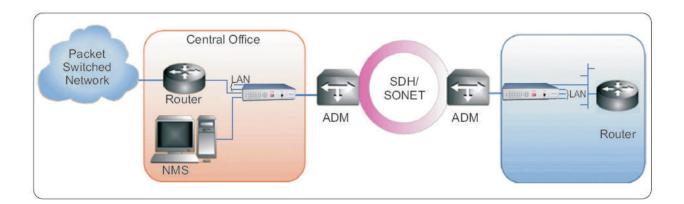- A single power supply supporting both AC and DC power. Auto detection of AC and DC I/P
- Redundant Power supply ensures uninterrupted Data transmissions

Environment
- Operating Temperature   :   - 5°C to 50°C
- Relative Humidity   :   0-95 % Non-condensing, at 35°C

TYPICAL APPLICATION DIAGRAM