SDH-1000

NG SDH GbE/STM1 Terminal Multiplexer

NEW

SDH-1000 is 1U 19" rack type GbE/STM-1 terminal multiplexer which delivers Gigabit Ethernet services over SDH networks. The product complies with SDH standards and interfaces with existing SDH backbones through a single or 1+1 protection STM-1 interface. SDH-1000 supports a variety of management access over console, Telnet and SNMP. SDH-1000 provides two Gigabit Combo ports (2-port 10/100/1000Base-T + 2-port 1000Base-X SFP slot) over STM-1 fiber. The two GbE combo ports support Link aggregation, port based VLAN and 802.1Q VLAN function.

Features

- Provides 2-port STM-1 fiber with 1+1 protection.
- Supports HDLC/GFP bridge operation
- Supports 2x GbE Combo ports
- Supports IEEE 802.1Q VLAN and QinQ, Link aggregation
- Fiber port support ALS (Auto Laser Shutdown) function

- Supports Console, GUI, Telnet and SNMP management
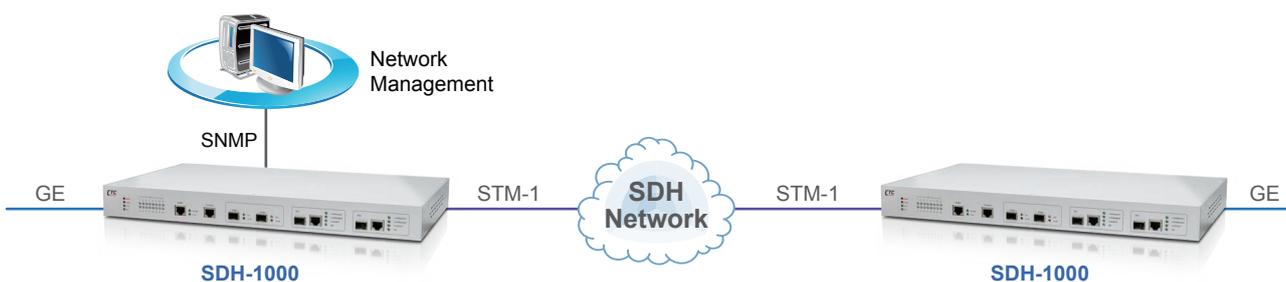- Supports local and remote FTP/TFTP f/w upgrade

Specifications

Ethernet Interface	Supports 2x GE combo ports
	Auto Negotiation, AUTO-MIDX, 10M/100M/1000M, Full/Half Duplex
	Connector : RJ45
	Supports 802.3x flow control
Optical Interface	1000FX, SFP
	Connector : LC
	Supports 802.3x flow conrol
STM-1 Interface	Supports 2x STM-1 optical fiber port with SFP slot
	Supports 1+1 optical fiber protection
Management Port	One console port with RJ45 connector One SNMP Ethernet port with RJ45 connector
LED Indicators	SYS, PWR, PWR1, PWR2, GE (LNK/ACT, SD, ALM)

Standards	IEEE802.3 Ethernet, IEEE802.3u, IEEE802.3z, IEEE802.3x, IEEE802.1Q, IEEE802.1ad, SNMPv1/v2c/v3
Dimensions	310 x 440 x 44mm (D x W x H)
Power	AC: 90-265V, DC: -48V, Supports AC+DC
Power Consumption	<24W
Temperature	Operating: -5 ~ 50°C Humidity : ≤90% non-condensing

Application

GbE over STM-1 Application

Ordering Information

Model Name	Description
SDH-1000-AD	2x GbE Combo over STM1, P to P, 1U 19" Rack, AC+DC power

Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.