

G.SHDSL bis

Scorpio 1400Rbis

- 5.7M / 11.4M G.SHDSL bis link
- Compliant with ITU-T G.991.2 standard, TC-PAM line coding
- Front Panel LCD, Keypad and Status LED indicators for easy configuration and monitoring
- Provides extensive diagnostics, including loopback, BERT, G.SHDSL bis and E1/T1 Performance Monitoring
- Easy installation with console, SNMP and Telnet
- Support of wetting current keeps loop under the best condition
- Easy software upgrade for field-deployed units via flash download



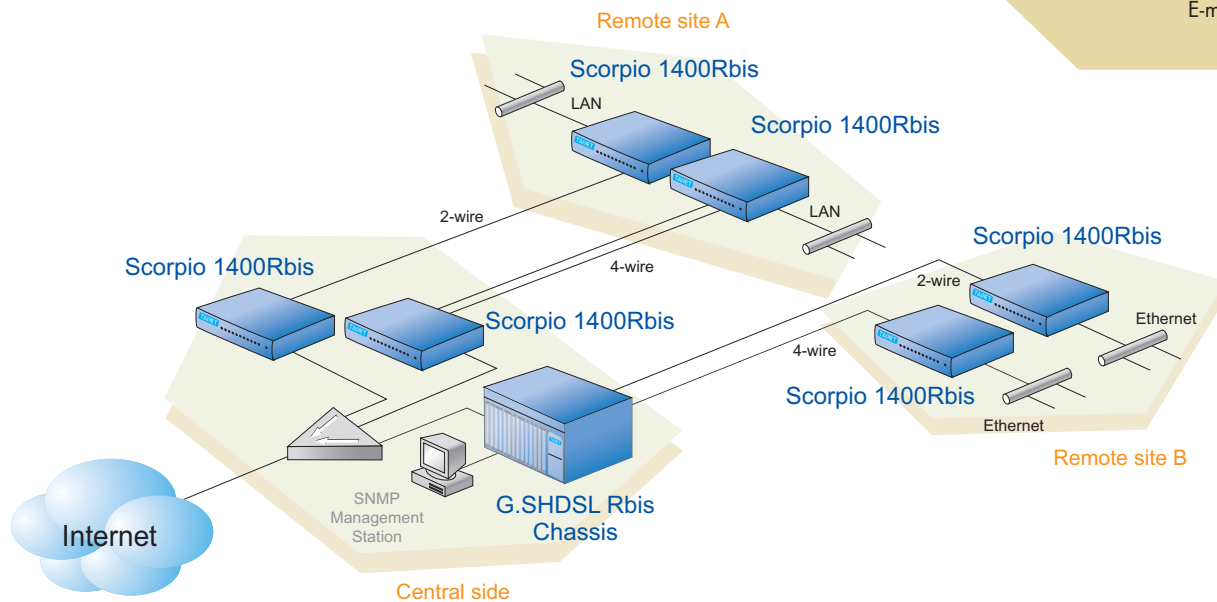
TAINET's Scorpio 1400Rbis, which takes advantage of the latest G.SHDSL bis standard, is a mini-terminal enabling the transport of traffic from Ethernet interface over 5.7M/11.4M G.SHDSL bis link.

Scorpio 1400Rbis time-slot-mapping feature supports high-speed dedicated symmetrical data/voice transmission and utilizes DSL bandwidth. The automatic line rate can be up to 5.7 Mbps over 2-wire cooper line. A special 4-wire model could enhance rate to 11.4 Mbps and connect two remote points. Scorpio 1400Rbis is a perfect solution for Telecom Carrier, Service Providers and business users.

To reduce operation/management burden, Scorpio 1400Rbis can control and monitor remote unit via Embedded Operation Channel (EOC), by following ITU-T G.991.2. Administrators can also easily configure Scorpio 1400Rbis through the Telnet, HTTP or Tainet Universal NMS. In central office site.



Scorpio 1400Rbis



Line (G.SHDSL bis) Interface

- Type : 2 or 4-wire
- Line coding : TC-PAM
- Impedance : 135 Ω
- Standards : ITU-T G991.2, ETSI 101 524
- Connectors
 - Standalone : one RJ-45
 - Chassis : two RJ-45 (daughter board adapter)

DTE 10/100BaseT interface

- Number of ports : Available slot 1
- Line code :
 - 10 BaseT : Manchester
 - 100 BaseT : MLT3
- Connector : RJ-45
- Protocol : HDLC

Management ports

- Ethernet port
 - Interface : 10/100 BaseT
 - Connector : RJ-45
- RS-232 control port
 - Interface : RS-232 DTE
 - Connector : 9-pin D-type, female
 - Format : Asynchronous
 - Baud rate : 9.6 to 115.2 Kbps

Timing Clock

- G.SHDSL bis Modem/Card shall provide the following three timing sources :
 - Internal clock
 - Recovered from the G.SHDSL bis interface
 - External DTE clock

Management

- The remote G.SHDSL bis units can be managed in the following ways :
 - EOC protocol
 - Out-of-band, via direct connection to one of the LAN management ports
- Status and diagnostic information is defined, configured and monitored by using one of the following methods :
 - Telnet host via management platform or LAN port
 - Configurable via Web browser

Diagnostics

- BERT : BER testing on each port
- Loopback
 - Near Local loopback
 - Local loopback
 - Remote payload loopback
 - Remote loopback

Power

- AC : 100 ~ 240VAC
- DC : -36 ~ -72VDC

Environment

- Temperature: 0°C ~ 60°C
- Relative humidity: up to 95% (non-condensing)

Dimensions

- 200mm(W) X 150mm(D) X 39mm(H)

