

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 status LED indicators for easy monitoring
- Provides extensive diagnostics, including loopback, G.SHDSL bis performance monitoring
- Easy installation with web, console, Telnet and SNMP
- Support of wetting current keeps loop under the best condition
- Easy software upgrade for field-deployed units via flash download
- 2/4-wire protection for data transmission
- Optional POTS splitter available



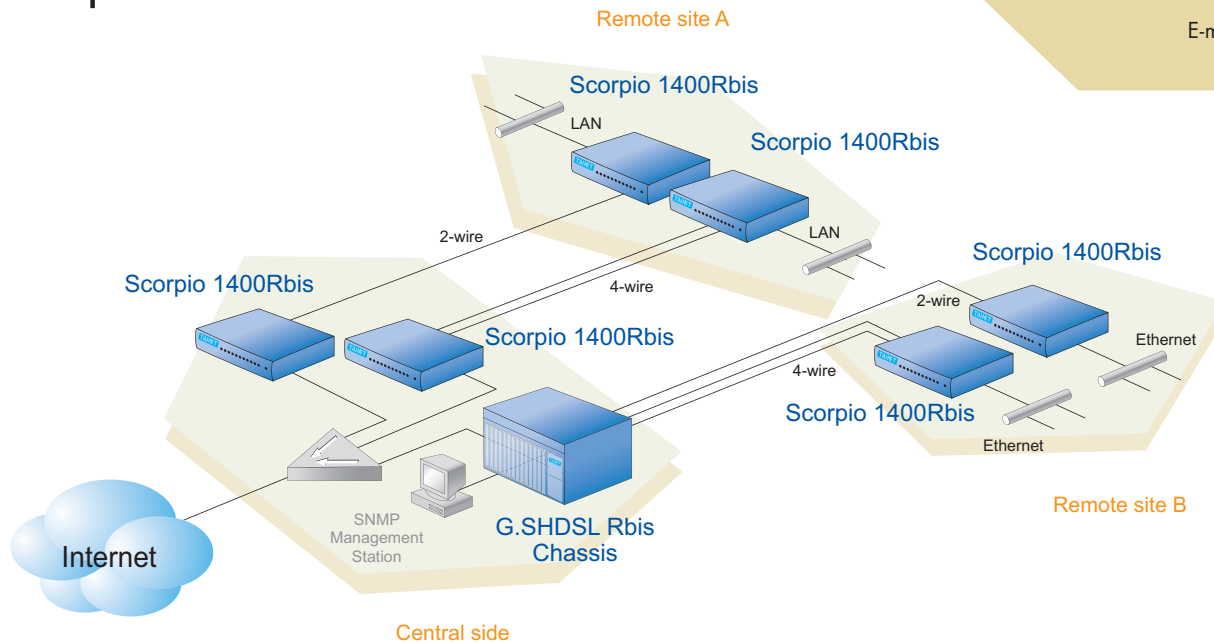
TAINET's Scorpio 1400Rbis, which takes advantage of the latest G.SHDSL bis standard, is a mini-terminal enabling the transport of traffic from Ethernet interface over 5.7M/11.4M G.SHDSL bis link.

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 with 2/4 wire protection. 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, Web/HTTP or through SNMP* agent 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

DTE (10/100BaseT) Interface

- Number of ports : 2
- Line code :
 - 10 BaseT : Manchester
 - 100 BaseT : MLT3
- Connector : RJ-45
- Protocol : HDLC

Ethernet L2 and QoS function

- Support 802.1d transparent bridge function
- 2K MAC learning address
- Scalable per port bandwidth control
- Ethernet packet length up to 1536 bytes
- Support 802.3x flow control
- Provide port-based VLAN and 802.1q VLAN tagging
- Support ToS and DSCP

Timing Source Setting

- G.SHDSL bis Modem/Card shall provide the following two timing sources :
 - Internal clock
 - Receive from the G.SHDSL bis interface

Management

- Configuration via craft port VT-100, Telnet, and also support Web UI for easy 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

- Loopback
 - Local 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)

