

SHDSL.bis Access Unit

WireSpan 5320



Features

- Comply with G.SHDSL.bis
- Symmetric data rate of up to 61Mbps (option)
- Support auto data rates adaptation between 192K and 61Mbps (N=3 ~ 239)
- Integrated 4-port 10/100 Base-T Fast Ethernet Switch
- Software flash upgradable via console port , TFTP

Application



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Specification

G.SHDSL Interface

- Support ITU-T G.991.2 Annex A, B, F, G (G.SHDSL.bis)
- Payload Rate: N x 64K (N=3~239) or rate adaptive (Up to 61Mbps with 4-pair)
- Line Coding: TC-PAM 4/8/16/32/64/128 (G.SHDSL/ Extended mode)
- Line Type: Unconditional twisted pair (2/4/8 Wires) (option)
- EFM bonding (IEEE 802.3ah PAF)
- Connector: RJ-45

LAN Interface

- Auto-sensing 10/100BASE-TX Ethernet & Auto MDI/MDI-X
- Four 10/100BASE-TX Fast Ethernet port
- QoS (Base on physical Port, DSCP or IEEE 802.1p). User can to define four levels according to application requirements
- Port based rate control (or VLAN based rate control)
- Connector: RJ-45*4

ATM Mode

- I Framing ATM, 64B/65B
- Up to 8 PVC
- AAL5
- VC multiplexing and VC-Mux/LLC
- Ethernet over ATM (RFC 2684/1483)

Gateway ability (Only supported with ATM mode)

- RIPv1,RIPv2
- PPPoE
- DHCP server
- DNS rela

Network Management

- Access control
- Console Interface:EIA-232C via D-sub 9,9600,8N1
- Web-based GUI, Telnet, SSH or SNMPv1

Dimension

- Size 240mm (W) 54mm (H) 164mm (D)
- Power AC90~264V/47-63Hz, DC12V/1A
- Operating Temperature From 0°C to 50°C
- Humidity Up to 95%, non-condensing

VLAN ability

- IEEE 802.1q VLAN Tagging
- Support both port and Tag based VLAN mode
- Up to 64 IEEE 802.1q VLAN group (ID Range1~4094)
- VLAN Stacking tag (Q-in-Q) supported

Voice interface (Option)

- Protocol: VLAN based (Point-to-point only)
- FXS/FXO needed to pair used.
- Connecto: RJ11*2

Maintenance

- Firmware upgrade via TFTP

LEDs

- Power
- DSL
- LAN Link/ACT per port
- Status
- Voice



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