

AT-505R



PRODUCT OVERVIEW: -

The AT-505R, a SHDSL (Single-pair High-bit-rate Digital Subscriber Line) Router, provides a broadband transmission with bandwidth up to 5.696Mbps (15Mbps for PAM128) over a single pair of copper wires for LAN connection between two local area networks. AT-505R provides a console port for users to configure the settings and to monitor the DSL connection status.

AT-505R conforms to ITU-T G.991.2, the GSHDSL requirements. Each AT-505R can be configured as either STU-C for the central side or STU-R for the remote side. 1 pair of AT-505R offers 15.5 Mbps of Bandwidth and 2 Pair will deliver 31 Mbps of band with which offers a cost effective symmetrical broadband solution for bandwidth-hungry applications such as LAN-to-LAN connection, Internet

PRODUCT CHARACTERISTIC: -

- ◆ ITU G.991.2 Annex a, Annex B, Annex F, Annex G
- ◆ Symmetrical downstream and upstream data rates from 192Kbps to 15Mbps
- ◆ Support ATM/EFM over SHDSL
- ◆ Auto or Fixed DSL rate operation
- ◆ Auto-Negotiation for 10/100 Base-T
- ◆ Auto-MDIX for Auto Ethernet Tx/Rx Swap
- ◆ SNMP management with SNMPv1 / SNMPv2 /SNMPv3 agent and MIB II
- ◆ Support 802.1q with 4094 VLAN
- ◆ Support DHCP server
- ◆ Support ping tool
- ◆ Support Bridge, Routing and NAT via setting
- ◆ Web, Telnet supported
- ◆ Getting enhancements and new features via firmware upgrade.//
- ◆ DSL Line Card Type Four Layer FR4 grade 1.6mm Gold plating supporting with 2W/4WDSL uplink interface
- ◆ Compatibility 10BASE-T / IEEE802.3
- ◆ DSL Line Card supported 2w
- ◆ Ethernet extender transmission distance 500 meter
- ◆ Input Voltage - 230 VAC & 48VDC. Output 5VDC/1 Amp with IEC power card rated 6Amps.

G.SHDSL SPECIFICATION

Fully compliant with standards of ETSI (SHDSL, SHDSL.bis), ITU (G.SHDSL, G.SHDSL.bis, g.998.2/g.bond) and IEEE (EFM)

Line Code: TC-PAM 16/32/64/128

M-pair mode for 1/2 pairs

ITU G.991.2 Annex A ,B

STU-C/STU-R mode selectable

Impedance: 135 ohm

SNR /Attenuation Value calculation

PHYSICAL INTERFACES

4 ports RJ45 for 10/100Mbps Ethernet LAN connection

RJ-45 ports for G.SHDSL connection

1 console port for local configuration and management

ATM PROTOCOL

ATM adaptation layer type 5 (AAL5)

VC multiplexing and LLC encapsulation

Multi-protocol over AAL5 (RFC 1483 bridged PDU)

Support 5 PVCs

BRIDGING

IEEE 802.1D transparent learning bridge

Up to 1K MAC learning addresses

ROUTING CAPABILITY

Support IP/TCP/UDP/ARP/ICMP protocols IP routing with static routing and RIPv1/RIPv2 (RFC1058/2453)

CONFIGURATION

Local console

Telnet access

Web-based GUI

NETWORK MANAGEMENT

Web-based GUI for express setup, configuration and management

CLI interface for local console and Telnet access

Password protected management

SNMP management with SNMPv1/v2c/v3

Software upgrade via HTTP

CERTIFICATION

CE, Rosh, ISO, FCC
Standard Compliance (ISO)

ORDER INFORMATION

Model number	AT-505R
	2 WIRE UPTO 15MBPS
Power Supply	100~220V AC, 50/60Hz
	220VAC to 48 VDC external adapter
Maximum transmission distance	5-7KM
WAN Port	RJ45 x 1
Console Port	RJ45x 1
Operating temperature	0° to 45°C
Storage temperature	-10° to 70°C
Housing	Metal
Dimension	215 mm x 120mm x 44 mm (L x W x H)
Ingress protection	P65
Model number	AT-505R
	2 WIRE UPTO 15MBPS
Power Supply	100~220V AC, 50/60Hz

ORDERING INFORMATION: -

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