

WIRELESS FOUR PORT ADSL2+ ROUTER

Model: TNDL 2240



INTRODUCTION

Telenet TNDL 2240 ADSL2 + router is a high quality equipment which can be used as a ADSL MODEM, a wireless AP and a router. Choose the slap-up chipset TNETD7300A provided by the global famous ADSL CMOS corporation TI, which supports kinds of network protocols, steady runs, and is compatible with various DSLAM, which is preferred by the individual users, the SOHO, and the small enterprise to access the internet.

FEATURES

- Four 10/100 Ethernet port with ONE USB(optional)
- Friendly GUI for web configuration
- Support Single-Session IPSec and PPTP Pass-Through for Virtual Private Network (VPN)
- Several popular games are already pre-configured. Just enable the game and the port settings are automatically configured.
- Configurable as a DHCP Server on Your Network
- Compatible with virtually all standard Internet applications
- Industry standard and interoperable DSL interface
- Address Filtering, DMZ Hosting, and Much More
- Simple web based status displays a snapshot of your system configuration and links to the configuration pages
- Downloadable flash software upgrades
- Support for up to 8 Permanent Virtual Circuits (PVC)
- Support for up to 8 PPPOE sessions
- High-Speed Data Transfer Rates of up to 54Mbps
- Compatible with IEEE 802.11b, IEEE 802.11g, 2.4GHz Compliant Equipment

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WIRELESS SPECIFICATION		
Network Standard		IEEE 802.11b
		IEEE 802.11g
Frequency Range		2.40G-2.4835G
Modulation		802.11b: DBPSK.DQPSK. CCK
		802.11g: BPSK.QPSK.16QAM.64QAM
RF Power (Max)		20dBm
AP Capacity	Access User Quantity	50~80Pcs/AP (Proposal)
	Channels	11 (US and Canada) 13 (Europe and China) 14 (Japan)
	Auto-sensing Data Rate	1Mbps .2Mbps .5.5Mbps .11Mbps for 802.11.b 6 Mbps.9 Mbps .12 Mbps.18 Mbps .24 Mbps.48 Mbps .54 Mbps
Payload Rate	1Mbps	DBPSK @ 0.81Mbps
	2Mbps	DQPSK @ 1.58Mbps
	5.5Mbps	CCK @ 4.07Mbps
	6 Mbps	BPSK@4.64Mbps
	9 Mbps	BPSK@6.55Mbps
	11 Mbps	CCK @ 7.18Mbps
	12 Mbps	BPSK @8.31 Mbps
	18 Mbps	QPSK@11.5 Mbps
	24 Mbps	6QAM@14.18 Mbps
	36 Mbps	16QAM@18.31 Mbps
	48 Mbps	64QAM@23.25 Mbps
54 Mbps	64QAM @26.12 Mbps	
Security		64-bit/128-bit WEP Encryption, WPA (Wi-Fi Protected Access)
User Isolation		MAC Level
MAC Filter	Eth Interface MAC Filter	Support
	Vacancy MAC Filter	Support
Authentication	DHCP Client & Static IP	Support
	802.1X and Radius Client	Support
	DHCP Server	Support
Mode (LAN Port)		Router, Bridge, PPPoE Client
LAN Port Type		10/100Mb Auto-Sensing IEEE802.3
Radio Cover Rage (m)	Outdoor	120~400
	Indoor	35~100
Antenna Type	Internal Diversity with Connector	
Management		Web based ,Telnet, TFTP, Set IP Session(arp/ping)

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SIGNAL

ATM signal: UNI3.0, UNI 3.1 and UNI 4.0
Strict ATM communicating mode

DATA SPEED

- Downstream data rates up to: ADSL: 8Mbps; ADSL2+: 24Mbps
- Upstream data rates up to 1024kbps
- G.lite: downstream data rates up to 1.5Mbps
- G.lite: upstream data rates up to 512kbps

ADSL INTERFACE

One RJ-11 interface

LAN INTERFACE

Four standards IEEE802.3, IEEE802.3u 10/100 Base-T Fast Ethernet interfaces

One wireless interface

One USB

LED INDICATOR

Power

Link

LAN (4 port 4/3/2/1/)

DATA

WLAN

MANAGEMENT AND CONFIGURATION

Simple graphical interfaces, convenient for the management and configuration to the client equipment

POWER CONSUMPTION

<5.5W

POWER SUPPLY

Input: 220VAC/80mA/50HZ-60HZ

Output: DC 10V/600mA

CONDITION ADAPTABILITY

Working temperature 0~40.(32~104.)

Storage temperature -20~70. (-13~158)

Humidity demand 15%~95%, no freezing

EXECUTE STANDARD

- ANSI T1.413 issue 2
- ITU G.992.1 (G.dmt)
- ITU G.992.2 (G.lite)
- ITU G.992.3 ADSL2
- ITU G.992.5 ADSL2+
- IEEE802.11b .IEEE802.11g

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