soltek
beyond the edge

Wireless N300 ADSL2+ Modem Router

ST-WM305N

Product Overview

ST-WM305N ADSL2/2+ Modem Router is an All-in-One device that combines the functions of a high-speed DSL modem and a 4-Port 10/100Mbps NAT 300Mbps 11n/g/b wireless router. It is designed to give you a one-stop solution to acquire and share high speed internet access over a wired/wireless network.

By supporting the latest ADSL standards, ST-WM305N brings with much higher speed than a dial-up connection without tying up the phone line.

Features:

- PPPoE, PPPoA, IPoE WAN connection.
- DHCP Server and DHCP Relay, 802.1q VLAN
- NAT and NAPT, DDNS, DNS, QoS, DoS
- ALG: TFTP/FTP/SIP/RTSP/L2TP/PPTP/IPSEC/H323
- Virtual Server and Port Trigger, Parent Control
- Web based GUI TR069/ SNMP / Web / Telnet / SSH / FTP / TFTP /SNMP/ UPnP
- MAC filter, IP filter and URL filter
- 64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2

ST-WM305N

Technical Specifications

Item	Description	
System Specifications	Chipset	RTL8676S
	Wireless Chipset	RTL8192ER(300M)
	DDR/SDR SDRAM	16MB SDRAM
	Serial Flash	4 MB
Features	2T2R MIMO, wireless rates of up to 300Mbps Parent Control PPPoE, PPPoA, IPoE WAN connection. DHCP Server and DHCP Relay 802.1q VLAN NAT and NAPT ALG: TFTP/FTP/SIP/RTSP/L2TP/PPTP/IPSEC/H323 Virtual Server and Port Trigger DDNS,uPUNP Manual configuration of DNS QoS: Strict prior and WFQ DoS(denial-of-service) protect MAC filter, IP filter and URL filter Web / Telnet / SSH / FTP / TFTP /SNMP/ Ping local and remote access control	
Parameter	IGMP Snooping and IGMP proxy Static route Dynamic routing management, RIPV1, RIPV2 NTP DMZ	
Protocols	RFC2684 VC-MUX, LLC encapsulations for bridged or routed packets RFC2364 PPP over ATM ALL5(PPPoA) RFC2516 PPP over Ethernet (PPPoE) User Datagram Protocol (UDP) Internet Protocol (IP) Internet Control Message Protocol (ICMP) Transmission Control Protocol (TCP) An Ethernet Address Resolution Protocol (ARP) over Ethernet over AAL5) (T1.413) (G.dmt), G.lite (G.bis/ADS L2) (ADSL2+)	
Wireless	Standard	IEEE802.11b/g/n
	Frequency Range	2.4GHz~2.4835GHz
	Modulation	BPSK, QPSK, CCK and OFDM(BPSK/QPSK/16-QAM/64-QAM)
	Wireless data rate	300M
	Antenna Gain	5dBi x 2
	channel	1~11(USA, Canada) 1~13(Europe) 1~14(Japan)
	Security	64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2

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Technical Specifications

Item	Description	
Device Management	Web based GUI (HTTP Management) TR069 (WAN Management Protocol) SNMP Menu-driven CLI via serial port or telnet Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0)	
Interface	1 x RJ11 DSL interface 1xWLAN 4 x RJ45 10/100m Auto MDI/MDIX Ethernet interfaces	
Parameter Specifications	1 x Power Switch	
Environment	Operating Temperature	Operating Temperature 0oC—40oC
	Storage Temperature	-20oC—70oC
	Operating Humidity	10%—95%, non-condensing
	Storage Humidity	5%—95%, non-condensing
	Power Supply	5 V / 1A

1* ADSL2+ROUTER

1* POWER

1* User Manual

1* RJ-11 Telephone Cable 1* RJ-45 Ethernet Cable 1* External Splitter