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N300 VDSL2 Modem Router

ST-WM322N

Product Overview

The ST-WM322N is a high-speed VDSL Router. It provides sufficient bandwidth for high performance connection to the Internet. It has Web-based graphic user interface (GUI), in which you can easily modify the settings and connect to your ISP.

The ST-WM322N provides one xDSL interface, four Ethernet interfaces, one WAN interface, WPS Button and 2.4G internal WIFI antennas. The Ethernet and WIFI are used for connecting to computers, through which you can access the Internet. The WIFI interface support 802.11n 2.4GHz band. It is an ideal broadband CPE solution for both home users who wish to share high-speed Internet access and small office that wish to do business on the Internet.

Features:

- ITU-T G.993.2 VDSL2, PPPOE/DHCP/Bridge
- Support 8a,8b,12a,12b,17a,30a profile and G.Vector
- Support ATM and PTM, G.INP
- ALG: TFTP/FTP/PPTP/RTSP/L2TP/H323 DNS agent QoS, DMZ
- VPN: L2TP IPSEC, GRE
- MAC address filtering, Anti-DoS, IP filtering, URL filtering
- Web based GUI, Localization Support
- HTTP, TFTP server, FTP server CLI, Telnet, SSH
- WAN Management Protocol (TR-069), SNMP v1/v2

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Technical Specifications

Item	Description	
BASIC Information	Dimension	170*122*28mm
	Weight	250g
System Information	Main Chipset	Triductor VSPM300
	DRAM	128MB
	Flash	128MB
	Wi-Fi Chipsest	MTK Mt7603
	Wi-Fi Bands&Speed	802.11b/g/n 2*2, 300Mbps
External Connectors	Rj45	4*10/100Mbps RJ45 LAN
	Rj11	1*RJ11 WAN for VDSL
	USB	No
	LED	1*WPS,1*Reset,1*WLAN
	FXS Port	No
	Power Jack	1*DC Power Jack
	Power Switch	1*Power Button
	Antenna	2*external 5dbi fixed antennas
Software Features	Login Information	IP:192.168.1.1 User/Password: admin/admin
	WAN Type	PPPOE/DHCP/Bridge
	LAN Configuration	DHCP server, Option 60/15/42/50/250, and management of multiple address pools DHCP Relay, compatible with RFC2131, RFC951, RFC1542 Static uplink, configuring of static IP address, subnet mask, DNS, and gateway
	WiFi Configuration	SSID/Password/Encryption Mode/WiFi Channel/WiFi Bandwidth configuration
	ADSL Features	T1.413i2, G.992.1 G.dmt, G.992.2, G.lite G.992.3 (G.bis/ADSL2) G.992.5 (ADSL2+) ITU G.994.1 (G.hs) Annex L (Reach Extended ADSL2) Support ATM forum UNI3.0, 3.1 and 4.0 permanent virtual circuits (PVCs) Support CBR, UBR, VBR-rt, VBR-nrt Support multiple PVCs Support ITU-T i.610F4/F5 OAM

Technical Specifications

Item	Description	
Software Features	VDSL Features	ITU-T G.993.2 VDSL2 Support 8a,8b,12a,12b,17a,30a profile Support G.vector Support ATM and PTM Support G.INP
	Advanced Features	ALG: TFTP/FTP/PPTP/RTSP/L2TP/H323 DNS agent Manual configuration of DNS QoS: –Interface management, supporting strict-priority (SP) and DWRR scheduling modes –Queue management, supporting eight priority queues –Flow classification management Static routing management, supporting up to 16 entries of static routing configuration DMZ VPN:L2TP IPSEC, GRE
	Security Features	MAC address filtering in the whitelist mode Anti-DoS, independent switch for each protection item, and anti-port-scanning switch IP filtering, security level configuration, blacklist and whitelist based on WAN/LAN end (each list supporting up to 20 entries of IP filtering configuration) URL filtering, blacklist and whitelist filtering, supporting up to 20 URL entries
	Management Features	Device Configuration, Management and Update Web based GUI Localization support Embedded web server Download image via HTTP, TFTP server, FTP server Command Line Interface via serial port, telnet, or ssh Menu-driven CLI via serial port or telnet Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0) WAN Management Protocol (TR-069) SNMP v1/v2 PSI configuration file upload and download Date/time update from SNTP Internet Time Server
Environment Requirement	Operating Temperature	0°C—40°C
	Storage Temperature	-20°C—70°C
	Operating Humidity	10%—95%, non-condensing
	Storage Humidity	5%—95%, non-condensing
	Power Supply	12V DC/1A