AP 6212

AC1200Mbps VDSL2 Modem Router

- **VDSL2 FALL BACK:** Falling back to ADSL2/2+ automatically.
- **HIGH SPEED:** Downstream rates up to 100Mbps and upstream rates up to 100Mbps.
- **11AC 1200MBPS WI-FI:** Four external antennas to deliver the best wireless signal, connect everything in your home and office in one device.
- **4 GIGABIT PORT SWITCH:** Extend the LAN to more devices and further distance allow up to 10 x higher speed.
- **DUAL WAN:** 1 Gigabit WAN port to make the Modem Router work as Wireless Router mode.

Air Pro®

KEY FEATURES

- **VDSL2 fall back:** Falling back to ADSL2/2+ automatically.
- **High Speed:** Downstream rates up to 100Mbps and upstream rates up to 100Mbps.
- **11AC 1200Mbps Wi-Fi:** Four external antennas to deliver the best wireless signal, connect everything in your home and office in one device.
- **4 Gigabit Port Switch:** Extend the LAN to more devices and further distance allow up to 10 x higher speed.
- **Dual WAN:** 1 Gigabit WAN port to make the Modem Router work as Wireless Router mode.
- **Multi-function USB2.0 Port:** Printers, files and media can be shared with computer or using the device's FTP server.
- **VoIP function:** 2 FXS ports helps users save phone bills by making phone calls over the Internet, with easier VoIP telephony management -- caller ID, call waiting/holding/forwarding, 3-way conference calls and voice mail, free communications by easily dialing an extension number.
- **Compatibility:** Interoperable with all major DSLAM equipments.
- **Operating distance:** up to 1KM(VDSL mode), up to 6KM(ADSL mode).
- **TR-069:** Manage settings and updates remotely from any end equipment.
- **QoS :** Quality of Service control for traffic prioritization and bandwidth management.
- **WPS Button:** Instant connection to wireless network safely.
- **Simple set up with GUI:** GUI makes installation easier and faster.

PRODUCT SPECIFICATIONS

Basic	
IEEE Standards	IEEE 802.3, 802.3u, 802.3ab
VDSL/VDSL2 Standards	ITU-T G.993.1(VDSL) ITU-T G.993.2(VDSL2) (Profile 8a, 8b, 8c, 8d, 12a,12b,17a,30a)
ADSL Standards	Full-rate ANSI T1.413 issue 2 ITU-T G.992.1 (G.dmt), supporting Annex A or B ITU-T G.994.1 (G.hs) ITU -TG.992.2 (G.lite), supporting Annex A or B
ADSL2 Standards	ITU-T G.992.3 (G. dmt.bis), supporting Annex A or B, Annex L and Annex M ITU-T G.992.4 (G.lite.bis), supporting Annex A or B
ADSL2+ Standards	ITU-T G.992.5, supporting Annex A or B, Annex L and Annex M
Speed	Downstream: up to 100Mbps; Upstream: up to 100Mbps
Operation Modes	VDSL/ADSL Modem, Wireless Router, 5 Ports Switch, VoIP Gateway
WAN Connection Types	PPPoE, PPPoA, IPoE, Bridge, IPoA

Wireless	
Wireless Standard	IEEE 802.11b/g/n/ac
WiFi Frequency Range	2.4GHz, 5GHz
WiFi Speed	11n 2T2R up to 300Mbps 11ac 2T2R up to 900Mbps
Antenna Gain	5dbi
Wireless Security	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES
Wireless Features	Multi-SSID Access Control List Hide Access Point Clients Isolation Disable WMM Advertise Enable Wireless Multicast Forwarding (WMF) Wireless bridge MAC filter

PRODUCT SPECIFICATIONS

Software	
Function Features	Static Route, Dynamic RIPv1, RIPv2 Support DMZ Support NAT Application Level Gateway for popular applications DHCP Server/Relay/Client DNS Relay Agent/DDNS support PPP Auto Reconnect on WAN Access/PPP IGMP snooping v1/2 and IGMP Multicast IPv4 and IPv6 dual stack
Security Support	URL filter PAP/CHAP for PPP mode NAT for Firewall SPI Firewall 2 Level (User/Admin) Authentication to Router IP and MAC Filtering
Management Support	Web Based GUI FTP /HTTP /Telnet /TR069 /SNMP v1/2c Command Line Interface Diagnostic Test Firmware upgrade-able Remote Access Control
ATM, PTM and PPP Features	RFC2684 /2364 /2516 /2225 /1577 /148 /483 /2684 ATM Forum UNI 3.1/4.0, ATM Adaptation Layer Type 5-AAL5 VPI Range (0-255) and VCI range (32-65535) UBR, CBR, VBR-rt, VBR-nrt F4/F5 OAM Loopback AIS and RDI OAM cells Supports 16 PVCs
VPN	IPSec /PPTP /L2TP pass through
Port Forwarding	Virtual server, Port Triggering, DMZ, ALG, UPnP
Dynamic DNS	DynDns, NO-IP
DHCP	Server, Client, DHCP Client List Address Reservation, DHCP relay
QOS	Priority Queuing Classification Rules 802.1p
VoIP features	Call Waiting/Forwarding/Transferring/Block/Barring Anonymous Calling /Call Blocking Three Way Conference DND (Do Not Disturb)/CNG (Comfort Noise Generation)/ DTMF Detection and Generation/Silence Suppression MWI SIP (RFC 3261)/SDP (RFC 2327)/RTP (RFC 1889)/RTCP (RFC 1890) Codec: G.711, G.723.1, G.726, G.729.A, G.722, G.722.2 Echo Cancellation: G.168 VAD (Voice Activity Detection) Multiple SIP T.38 Fax Relay

Hardware	
Physical Interface	4 *GE LAN, 1*Gigabit WAN, 1*DSL RJ11 port, 1*USB2.0, 2* FXS Ports
Buttons	Power /WPS /Reset
Power	Input: 100-240V AC,50/60Hz; Output: 12V/1.5A
LED Indicators	Power, DSL, INET, WLAN 2.4G, WLAN 5G, WPS, LAN4/3/2/1, WAN, USB,TEL1, TEL2
USB Sharing	Samba(Storage)/FTP Server/Media Server/Printer Server (optional)
Antenna	4 external antennas, MIMO 5dBi (default)
Processor	RTL8685P+RTL8192ER+RTL8812AR+RTL8275+ LE9642
Memory	128MB RAM, 16MB FLASH

Other	
Operation System	Windows 7,8,10, XP, VISTA/Macintosh/Linux
Package Content	Power Adapter x 1, Installation Manual x 1, RJ11 Cable 1.5M x 1 RJ45 Cable 1.5M x 1, External Splitter x 1
Environment	Operating Temperature: 0°C~40°C(32~104°F) Storage Temperature: -30°C~60°C(-22~140°F) Operating Humidity: 10%~95% non-condensing Storage Humidity: 5%~90% non-condensing

PACKAGE CONTENT :

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