APTEK A12
AC1200 Dual Band Wi-Fi Router

- Complies with IEEE802.11a/b/g/n/ac standards
- Up to 1200Mbps data rate for Wi-Fi network
- 1 Port LAN 10/100Mbps, 1 Port WAN 10/100Mbps.
- 2 x 5dBi high gain antenna
- Support IPTV VLAN
- Support IPv6
- Supports TR-069 protocol for remote centralized management
- Support Wireless Router, Client, Access Point work mode
- Built-in firewall, Filtering on IP address, MAC address, URL…
- Easy setup simplifies the basic settings of the router
- Support WMM (Wi-Fi Multimedia)

APTEK A12 is AC1200 Dual Band Wi - Fi Router, the 2.4GHz band wireless rate up to 300Mbps, in the 5GHz band using a new generation of 11AC technology. By improving the bandwidth, improve the efficiency of wireless frequency modulation, the highest rate of up to 867Mbps, can easily support HD (HD1080P) film Play, online video, 3D games and other high speed applications.

Network Diagram

WAN   LAN

Specifications

1. INTERFACE	
Interface	1 Port 10/100Mbps WAN RJ45, 1 Port 10/100Mbps LAN RJ45
Button	1 WPS Button,1 Reset Button
External Power Supply	Input 100-240V AC, Output 12V/1A DC
Antenna	2 x 5dBi fixed antenna

2. WLAN	
Frequency Range	2.4G: 2.412GHz - 2.484GHz 5G: 5.180GHz - 5.885GHz
2.4GHz Standard	IEEE 802.11b/g/n 2x2 MIMO
5GHz Standard	IEEE 802.11a/n/ac Wave 2 2x2 MU-MIMO
Radio max wireless rates	2.4GHz: 300Mbps 5GHz: 867Mbps
Operating Mode	Router, Repeater, Repeater WISP, Client, Client (WISP), Access-Point
MU-MIMO	5GHz Support only
Max. Number of SSID	10 (5 per radio band)
Bandwidth Limit per Client	Support
Client Number Limit	Per radio
Wireless Schedule (Green AP)	Support
TX Beamforming	Support
WMM	Support
WPS Function	One key WPS, PIN WPS

3. SECURITY	
Security Encryption	WPA-PSK, WPA2-PSK, WPA -PSK-MIXED
Authentication	Authentication, Enterprise
Hidden SSID	Support
MAC Address Filter	Support
Network Medium	10Base-T: Cat3, 4, 5 or above UTP (≤100m) 100Base-TX: Cat 5 or above UTP (≤100m) 1000Base-TX: Cat 5 or above UTP (≤100m)

4. ADVANCED FEATURE	
Firewall	Filtering on IP address, MAC address, URL, port
NAT	Support for single port, multi-port forwarding, support DMZ host, UPnP...
NTP	Support
DDNS	Support
QoS	Bandwidth Control based on IPv4/ IPv6/ MAC/ physical port/ DSCP
DoS	Support

5. MANAGEMENT	
Managed by Web, Telnet	Support
TR-069	Support
System Log	Support
Firmware Upgrade	HTTP
Diagnostics	Ping, Trace

6. PHYSICAL	
Environment	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing