

# ANS5004W Pro



## Product Overview

ANS5004W Pro is an EoC Slave based on MT7620A solution. It's has 4 10/100M full duplex Ethernet ports which can simultaneously connect computer, Set Top Box(STB) or other terminals. When working with Richerlink EoC master series, it can reach the maximum physical rate of 700Mbps and build Layer-2 Ethernet transmit network through television coaxial cable and meanwhile have no influence on the pre-existing CATV signal transmission. ANS5004W Pro occupies low frequency band under 65MHz and has no collision with the current CATV system frequency which can decrease mutual interference. ANS5004W Pro support 4 SSID which can for cable operator use or end users use. It's based on 802.11n standard, compatible with 802.11b/g, providing up to 300M wireless transmission for home network coverage. ANS5004W Pro support bandwidth control and encrypted transmission to satisfy high reliable service. The maximum uplink bandwidth can be configured individually in order to prevent the attack to the whole coaxial transmission network. ANS5004W Pro has two accounts with different authority: Administrator Account and User Account

## Product Features

- Compatible with IEEE HomePlug AV, 802.11 b/g/n, IEEE802.3, IEEE802.3u
- EoC coaxial cable WAN access, providing TV, WiFi, 10/100M Ethernet port
- Support CSMA/CA, CSMA/CD, TCP/IP, PPPoE, DHCP, ICMP, NAT protocol
- Provide 1 WAN port, 4 10/100M LAN ports, supporting Auto MDIMDIX

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- Provide two working mode: Bridging and Routing
- Support Quality of Service ( QoS ) -802.11e
- Support remote and WEB management, full English UI
- Support 4 SSID
- Support NAT/NAPT IP sharing, PPPoE/Static IP/PPTP/DHCP
- Provide up to 300Mbps wireless transmission
- Support virtual server, DMZ host
- Support 128bit WEP/WPA-PSK/ WPA2-PSK encryption
- Support UPnP, DDNS ;
- Support IP filter, port filter and MAC address filter
- Built-in DHCP server and firewall, can prevent DoS attack
- Provide system security log and flow statistics function
- Provide Web Management Reset, supporting online software updating
- Support 5DBi HG omni antenna

ITEM		ANS5004W Pro
Port	WAN	1 F connector
	LAN	4 10/100M RJ45 port
	TV	1 F connector
Standard		IEEE HomePlug AV, IEEE 802.11b/g/n, IEEE 802.3, IEEE 802.3u, CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE
WiFi	Frequency	2.4~2.4835GHz
	Transmission speed	Up to 300Mbps
	Channel number	13
	Data Modulation	DBPSK, DQPSK, CCK and OFDM(BPSK/QPSK/16-QAM/64-QAM)
	Transmit Distance	Up to 120m indoor or 360m outdoor
	Antenna	5dBi detachable HG omni antenna
EoC	Frequency	7.5-65MHz
	Output Power	108dBuV
	Modulation	OFDM
	Physical Layer Bandwidth	700Mbps
	IP Layer Throughput	200Mbps
	RF Impedance	75ohm
CATV RF	Frequency	87-1000MHz
	Return Loss	>16dB
	Insert Loss	1dB
LED Indicator	WAN	Lighting: link / Blink: data transmission
	LAN	Lighting: link / Blink: data transmission
	Others	POWER(on/off) / EoC(initialization status)/ Wireless(on/off)
SIZE(L×W×H)		180(mm)*110(mm)*31(mm)
Working Environment		Work Temperature: 0℃ ~ 45℃ Work Humidity :10% ~ 90%(no-condensing) Storage Humidity:5% ~ 90%(no-condensing)
Power Supply		DC 12V/1000MA