



AP699E8N.8U31H-4 _Product Specifications



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Introduction

The AP699E8N.8U31H-4 is a wireless area network (WLAN) access point (AP). It provides high access to the Internet, downstream up to 150 Mbps and upstream up to 150 Mbps. Utilizing 802.11 b/g/n wireless technology, the computers and devices with WiFi functionality can wirelessly connect to the AP699E8N.8U31H-4 and share high speed Internet connection. The AP699E8N.8U31H-4 supports DHCP client and DHCP server. It also supports NAT and NAPT functions. As a DHCP client, it can dynamically obtain external Internet IP address. As a DHCP server, it can dynamically assign local IP address to the associated wireless stations and wired LAN port PCs. NAT and NAPT functions implement local IP address and external IP address conversion.

The AP699E8N.8U31H-4 is an ideal wireless broadband solution for both home users who wish to share high-speed wireless Internet access and small offices which wish to do business on the Internet.

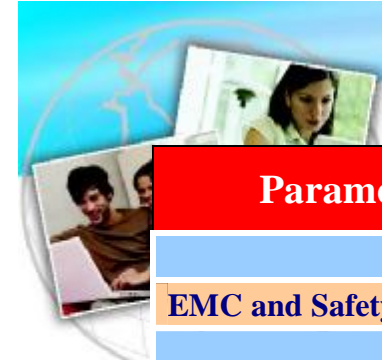
Application

- = Home and SoHo wireless gateway
- = Small enterprise
- = TV over IP (IPTV)
- = Voice over IP (VoIP)
- = Higher data rate broadband sharing
- = Broadband Internet access sharing
- = Audio and video streaming and transfer
- = PC file and application sharing
- = Network and online gaming



Parameter and Specification

Parameter	Specification
System Spec	
Chipset	RT 3050
SDRAM	16MB/32MB
Serial Flash	2 MB/4MB
Feature and Technology Spec	
Protocol	<ul style="list-style-type: none"> = IEEE 802.11b = IEEE 802.11g = IEEE 802.11n = RFC768 User Datagram Protocol (UDP) = RFC791 Internet Protocol (IP) = RFC792 Internet Control Message Protocol (ICMP) = RFC793 Transmission Control Protocol (TCP) = RFC826 Address Resolution Protocol (ARP) = RFC2516 PPP over Ethernet (PPPoE) = RFC2131 Dynamic Host Configuration Protocol (DHCP) = Support ALG
System Support	Windows 98SE, Windows 2000, Windows ME, Windows XP 32/64 bit and Windows Vista 32/64bit
Modulation Schemes	Support 256/64/16/8-QAM, QPSK, BPSK, MCS0 ~ MCS15
Encryption	4/128 bit, WEP, 802.1x, WPA, and WPA2 wireless encryption
QoS	Support Differentiate Services
SNMPv2 or v3	Support
Ethernet Interfaces	4 x RJ45 for 10/100 LAN Ethernet Port 1 x RJ45 for 10/100 WAN Ethernet Port
LEDs	<ul style="list-style-type: none"> = Power = WLAN = WPS = WAN = LAN 1~4
Consumption	4W
Environment Requirement	
Operating Temperature	0°C~45°C
Storage Temperature	-20°C~70°C
Operating Humidity	10% ~90%, non-condensing
Storage Humidity	5% ~90%, non-condensing
Power Supply	= Input power: 100-240VAC, 50/60Hz



Parameter	Specification
	= Output power:12VDC/500mA
EMC and Safety	
Regulatory Compliance	= FCC Part 15 Class B = CE
Safety Regulations	UL
Green Standard	RoHS
Physical Dimension	
Physical Characteristics	L x W x H: 240 mm x 195 mm x 105 mm
Weight	500g

