

# HG8000/HG4028un

## Digital Residential Gateway



### Features

- Supports Gigabit Ethernet WAN
- Supports four 10/100/1000Mbps LAN ports
- Supports VoIP for voice service
- Supports Router function
- Supports IEEE 802.11 b/g/n WLAN function
- Supports USB host function
- Supports CLI, Web GUI

### Overview

HG8000 supports a Gigabit Ethernet access interface and integrates a residential gateway with WLAN and USB features. HG8000 provides a high bandwidth access with full functions for routing, voice, wireless, IPTV, and security solutions for residential and Small Office/Home Office (SOHO) users.

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### Specifications

#### Interface: Hardware

- One WAN port for Gigabit Ethernet Interface
- Four RJ-45 connectors for 10/100/1000 BASE-T LAN ports
- One WLAN interface
- Two RJ-11 connectors for FXS
- One reset button
- One power jack for 12V DC input
- One power switch
- Two USB 2.0 Connector

#### Compliant Standard

- IEEE 802.1P
- IEEE 802.1Q
- IEEE 802.1D
- IEEE 802.3
- IEEE 802.3U
- IEEE 802.3AB
- IEEE 802.3x

#### Quality of Service

- VLAN
- IGMP snooping/proxy for IPTV

#### VoIP

- SIP v2 (RFC3261) or MGCP
- CODECS : G.711 , G.726 , G.729 and Others
- T.38 FAX Relay

#### Router

- PPPoE
- Packet filtering
- NAT/NAPT
- Static Rout
- RIP V1/V2
- DHCP server/client

#### Security

- Broadcast storm protection for LAN port
- IEEE 802.1x port authentication
- Stateful Firewall
- DoS
- VPN pass through

#### WLAN

- IEEE 802.11 b/g/n
- 64/128 bits WEP encryption supported
- WPS for easy setup
- WEP, SSID, WPA, WPA2
- WDS repeater function supported

#### Management

- Web-based GUI for remote and local management
- Remote software upgrade

#### Operating Environment

- Operating Temperature: 0~40oC
- Operating Humidity: 10%~90% (non-condensed)

#### Power Requirement

- Power: 12V DC / 1.5A max input

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