



EPG5000



Dual Band IoT Intelligent Cloud Gateway

As part of the **EnGenius Personal Cloud IoT** (Internet of Things) **Solution**, the EPG5000 is an AC1750 Dual Band Wireless IoT Gateway with Gigabit ports and a USB Port that works with free downloadable EnGenius IoT mobile apps, EnGenius IP Cameras and other EnGenius accessories so users can take more control of their digital lives for greater peace of mind.

Key Features

- Built-in USB port to share media content from an attached USB hard drive to mobile devices inside or away from the home with EnShare
- Connect and talk around the globe via the Internet and save on long-distance and international calling with EnTalk-Lite
- Monitor and keep track of connected devices with GPS Tracking, location sharing and parental controls with EnRoute
- View live feed from connected EnGenius IP Cameras and receive alert notifications with EnViewer
- Built-in 4-Port Gigabit Switch to connect Blu-ray players, Set Top Boxes, DVRs, Game Consoles and HDTVs
- Supports IEEE802.11a/b/g/n/ac wireless standards with up to 1300 Mbps on its 5 GHz frequency band and up to 450 Mbps data rate on its 2.4 GHz band
- Four Guest Access Login Options
- WPA / WPA2 encryption to help secure the wireless network
- QoS optimizes bandwidth performance for streaming media

The EPG5000's built-in 4-Port Gigabit switch is ideal for large file transfers and connecting home entertainment devices like HDTVs, Blu-ray players, set top boxes or game consoles so they can access a family's Internet connection. Connect, stream video and transfer files at wireless speeds of up to 1300 Mbps on the EPG5000's 5 GHz band and up to 450 Mbps on its 2.4 GHz band. The EPG5000 allows for a secure network with several security features and settings including industry standard wireless encryption such as WPA/WPA2 (Wireless Protected Access) to prevent unauthorized access to the home network; an advanced SPI (Stateful Packet Inspection) firewall to block malicious software from the Internet from accessing networked devices; MAC Address filtering to grant only known computers and devices network access; and URL filtering to block access to unwanted or offensive websites.

The EPG5000 also enables friends or visitors to gain Internet access or access to specific devices, like networked printers, while denying access to other networked computers or hard drives in the home that may contain private information via the a Guest Account feature.

To prioritize bandwidth-intensive applications like video and gaming or bandwidth sensitive applications like VoIP (Voice over IP) telephone calls for optimal connectivity whether over wired or wireless connections. The Gateway also employs intelligent QoS (Quality of Service).



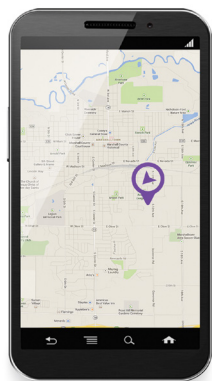
EnShare™

This high-powered Gateway also includes a USB port for attaching a storage device and sharing media content in the office, home or away from the office or home to and from mobile devices such as smartphones or tablets and laptop computers with the free EnShare app for iPhone, iPad or Android smartphones and tablets.



EnTalk™ Lite

Connect with family, friends, and colleagues like never before with the free EnTalk-Lite app. Capable of supporting up to 10 SIP accounts, small business users or families and friends can reroute calls over the Internet for conducting long-distance and international calls at lowered costs.



EnRoute™

The free EnRoute app allows administrators to keep track of the location of business colleagues or family members who belong to a registered account on a device such as a smartphone or tablet. Features such as GPS tracking, location sharing, and parental controls allows for easier management of devices and users. Never lose track of friends or family again.



EnViewer™

With the free EnViewer app, users can connect up to four EnGenius EDS1130 HD720P Wireless IP Cameras to the EPG5000 to monitor a home or small business. Alert messages can be sent to a mobile device that are triggered by the Camera's motion-detection feature and with the Camera's day/night capabilities a user can monitor their family, their home or their small business wherever they have an Internet connection.

Free Downloadable Personal Cloud IoT Mobile Apps

Enhance the EPG5000's capabilities even further with EnGenius Personal Cloud IoT Mobile apps available as free downloads for iPhone, iPad or Android smartphones and tablets on the Apple® Store or Google Play™ store.

Wireless AC1750 Speeds

Utilizes 802.11 standard speeds, with up to 1300 Mbps on its 5 GHz frequency band and up to 450 Mbps on its 2.4 GHz band. Ideal for media streaming, online gaming, and large file transfers in and around the home.

Save On International Calling With the EnTalk-Lite App

Initiate and communicate to friends and family from anywhere in the world with an available Internet connection via a Wi-Fi access point or hot spot, or via a 3G or 4G carrier connection. Supports up to ten (10) smartphones.

EnShare USB Media Sharing

EnShare lets users access media content from a storage device attached to the USB port of the EPG5000 in or away from home and enables users to upload content back to the attached USB drive on the EPG5000 when away from home via an available Internet connection.

Access EnGenius IP Cameras on the Network with the EnViewer App

- Available as a free download on the Apple or Google Play store, EnViewer lets small business owners or homeowners view EnGenius IP Camera feeds by connecting to the EPG5000 Gateway using a smartphone.
- Snap a JPEG or record video using a connected smartphone.
- Receive alert messages to a smartphone when triggered by camera's motion detection feature.

EnRoute to Guide Your Way

View locations in real time of your business colleagues, employees, family or friends' connected smartphones with the EnRoute app.

More Guest Access Options

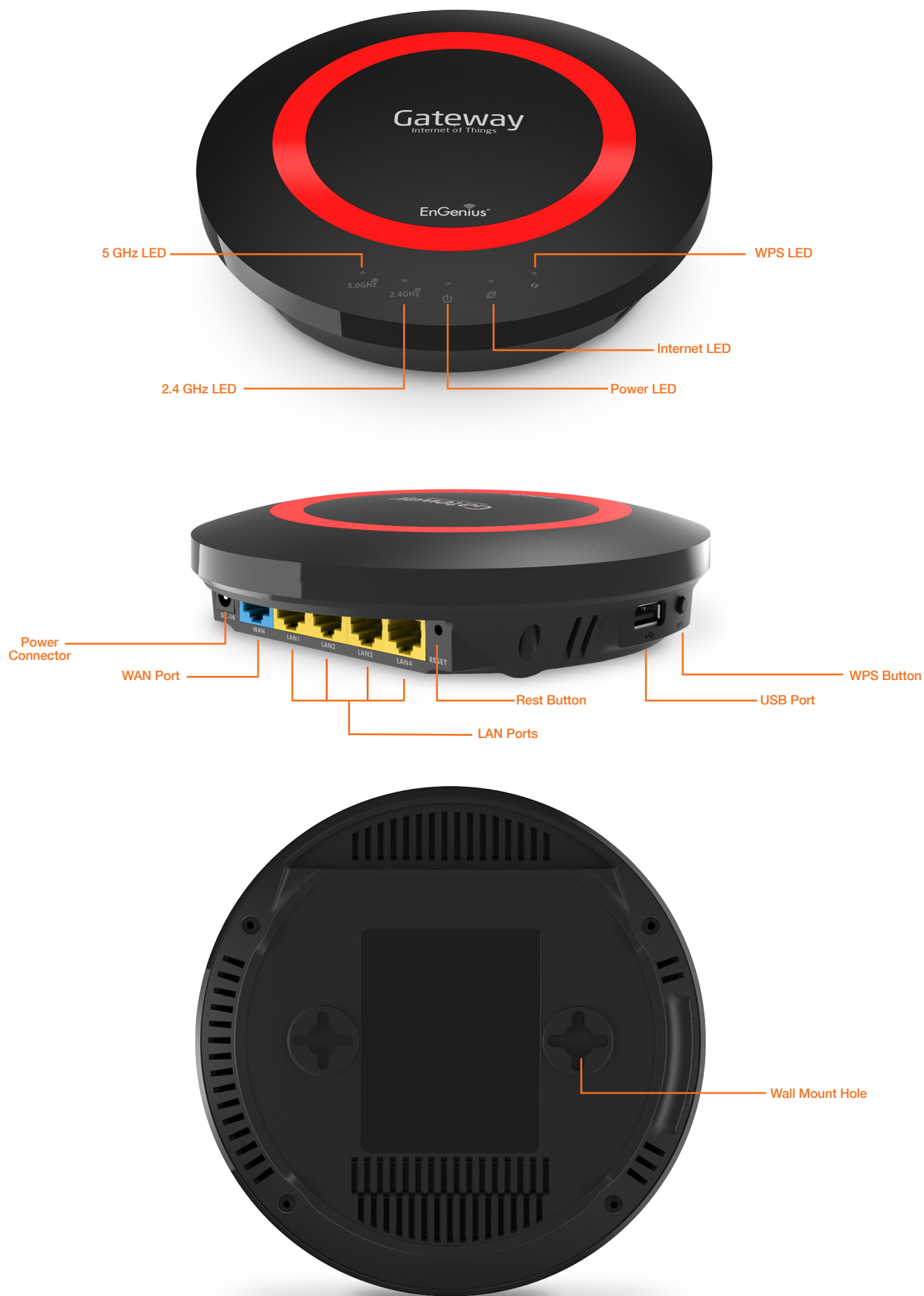
Up to eight (8) separate and discrete SSIDs (four on each band) can be set to enable friends or visitors to access the Internet while protecting other networked computers or hard drives in the home that may contain private information.

Prioritizes Applications and Maintains Quality of Experience

Intelligent QoS (Quality of Service) prioritizes bandwidth intensive applications like HD video and gaming or bandwidth sensitive applications like VoIP telephone calls.

Industry-Standard Security

WPA and WPA2 wireless encryption, SPI (Stateful Packet Inspection) firewall, Denial of Service blocking and MAC and URL filtering to make a home network safer from intruders or from malicious software attacks from the Internet.



Specifications

Standard
IEEE Standards
802.11ac
802.11a/b/g/n
Up to 450 Mbps wireless speed on 2.4 GHz frequency band
Up to 1300 Mbps on 5 GHz frequency band
802.3i/u/ab
Device Interface
1x Gigabit WAN Port
4x Gigabit LAN Ports
1x USB 2.0 Port
1x Push Button for WPS
1x Reset
Power Specification
External Power Adapter
DC IN, 12V/1.5A
LED Indicator
5 GHz
2.4 GHz
Power
Internet
WPS
Software Features
Operation Mode
Router/WDS
Wireless Features:
Auto Channel Selection
Output Power Control
WMM (Wi-Fi Multimedia)
MSSID (Multiple SSID)
Security
WEP/WPA-PSK/WPA2-PSK
TKIP/AES
Hidden SSID
MAC Address Filtering
802.1X Authentication
DDoS
DHCP Server/Client
NAT

Port Forwarding
DMZ
Port Mapping/Triggering
VPN Server (PPTP/L2TP)
VPN Client (PPTP/L2TP)
VPN Pass-through (PPTP/L2TP/IPSec)
VPN Tunnel (Max. 5)
QoS
IP Filtering
Port Filtering
DDNS
IPv6 Pass-through
MAC Clone
Traffic Monitor
WAN Type: PPPoE/DHCP/Static IP
USB Features: SAMBA

Environmental & Mechanical

Temperature Range
Operating: 32°F to104°F, 0°C to 40°C
Storage: -4°F to 140°F, -20°C to 60°C
Humidity (non-condensing)
Operating: 90% or less (Non-Condensing)
Storage: 95% or less (Non-condensing)

Weights & Measures
Diameter: 6.36" (161.54 mm)
Height: 1.64" (41.66 mm)
Weight: 0.5 lb

Certifications
FCC / CE / IC

Warranty
1 Year

Package Contents
EPG5000 Dual Band AC1750 IoT Cloud Gateway
Power Adapter (12V/1.5A)
Quick Start Guide
RJ-45 Ethernet Cable
Mounting Kit