



EPG600



Dual Band IoT Gateway

with high performance Wi-Fi & Phone Ports

The EPG600, a Dual Band IoT Gateway with high performance Wireless N, Gigabit Ports, a USB Port, and Phone Ports. The EPG600 is part of the EnGenius Personal Cloud IoT Solution and provides a unique cost-saving communication platform for small business needs by featuring wireless speeds up to 300 Mbps on both the 2.4 GHz and 5 GHz frequency bands. When used with the free EnGenius EnTalk™ app for iPhone® or Android™ smartphones, small businesses and even families can save on international and long-distance calls whenever they have access to the Internet. The EPG600 is also a media-sharing platform offering robust streaming to computers, tablets and entertainment devices.

Key Features

- Two RJ11 ports (FXO and FXS) to connect a small business or home's PSTN phone line so calls can be made using smartphones as a cordless extension
- Built-in 4-Port Gigabit Switch to connect Blu-ray players, Set Top Boxes, DVRs, Game Consoles and HDTVs
- Up to 300 Mbps wireless speed on each of its 2.4 GHz and 5 GHz frequency bands
- Gigabit WAN port for faster uploads and downloads to and from the Internet
- EnTalk to connect with friends and family from anywhere in the world with an available Internet connection
- EnShare - Your Personal Cloud to share media content from an attached USB hard drive to mobile devices inside or away from the home with its built-in USB port
- EnViewer to view EnGenius IP cameras that are on the network
- EnRoute to guide users to their destination or to keep track of where loved ones are at all times
- Two Guest Access logins, one per frequency band.
- WPA / WPA2 encryption to help secure the wireless network
- Advanced QoS optimizes bandwidth performance for streaming media
- Extended wireless signal coverage with Xtra Range™ technology

How the EPG600 works

Saves on long-distance and international calls by attaching a PSTN line to the gateway's telephone port and after associating up to ten (10) smartphones to the gateway using the free EnGenius EnTalk app, small business users or families and friends can make calls through their local line or directly via the Internet for conducting long-distance and international calls. A telephone port on back of the EPG600 also enables connectivity to a standard phone or a DECT phone base station.

Once smartphones are registered to the EPG600, calls can be initiated and conducted directly from the EnTalk app bypassing the EPG600 owner's local telephony service account altogether. For small businesses with employees or colleagues around the globe or for families with relatives in their home country, the EPG600 and EnTalk app is a significant cost saving solution.

Save on Long-Distance & International Calling

- Stay connected with your family, friends or business colleagues without incurring the high cost of long-distance or international calling.
- The EnTalk app reroutes phone calls over the Internet to your iPhone® or Android™ smartphone
- EnTalk allows you to minimize roaming charges from telco providers when using your smartphone in other countries. EnTalk when used with the EnGenius Personal Cloud EPG600 IoT Gateway with Phone Ports, considers long-distance, out-of-country or international calls as local calls for tremendous cost-savings to you.
- Ideal for frequent travelers and international businesses that need to connect to overseas factories, international clients, and more.

One-Click Registration

- The EnTalk App can be registered to an EnGenius EPG600 IoT Gateway with Phone Ports by pressing the EPG600's "Reg" button (located on the back of the Gateway) while selecting the "Auto Registration" option in the EnTalk app.

Great Voice Quality

- The EnTalk app delivers phenomenal voice quality, almost as though your calling party is in the next room instead of on the other side of the planet.

Other Free Downloadable Personal Cloud IoT Apps

As part of the EnGenius Personal Cloud IoT Solution, EnGenius IoT mobile apps are designed to make your small business or your family more secure; the way you communicate effortless and less costly; your music, photos, video and documents safer and quicker to store and retrieve; and your day-to-day life more efficient — so you have greater peace of mind. EnGenius Lifestyles apps are available as free downloads for iPhone®, iPad® or Android™ smartphones and tablets on the Apple® Store or Google Play™ store.



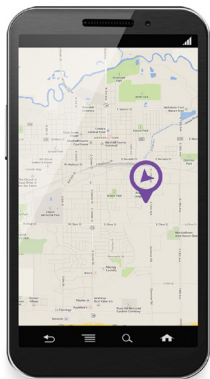
EnShare™

This high-powered Xtra Range™ 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.



EnViewer™

With the EnViewer app, users can view multiple live video feeds from connected EnGenius IP Cameras and receive alert messages when triggered by the camera's motion-detection feature straight to users' iPhone, iPad or Android smartphones and tablets to stay synced with family or personnel.



EnRoute™

The 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.

Text Messaging

- Conduct free online text messaging with family, friends and colleagues – no subscription requirement or limitations on the number of message sent.

Never Miss A Call

- Use EnTalk app with the EnGenius EPG600 IoT Gateway by attaching a PSTN line to the Gateway's phone port (FXO) and turning EnTalk-registered smartphones into cordless extensions so that you, your family or business associates never miss a call when you're away from home or office. Supports up to 10 users.

Designate An Operator

- EnTalk allows you to designate one or several of your EnTalk-registered colleagues to be an "operator" who will take all in-coming calls.

Easily Transfer Calls

- EnTalk lets you transfer calls to any one of your EnTalk-registered family members or colleagues.

See Who's Calling

- EnTalk when used in conjunction with a Caller ID-enabled PSTN account and the caller's Caller ID-enabled phone will display who is calling, so you can choose whether to accept the call.

Save Even More

- EnTalk when used with the EPG600 lets you disconnect your cordless phone base station and push all your calls over the Internet for greater cost savings.
- Voice over IP) telephone calls for optimal connectivity whether over wired or wireless connections.

Gigabit Wired Speeds

- Includes a 4-Port Gigabit LAN Ports and Gigabit WAN port for 10x faster throughput than Fast Ethernet, making large file transfers and video streaming incredibly fast

Faster File Transfers and Smoother Video Streaming

- Utilizes 802.11n standard speeds, up to 300 Mbps on each of its 2.4 and 5GHz frequency bands, making it ideal for media streaming, online gaming, and large file transfers in and around a small office or home.

Manage Access with Guest Network Options

- Two Guest Access logins, one per frequency band.

Prioritizes Applications and Maintains Quality of Experience

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

More Secure Wireless Communication

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

filtering to block access of unwanted or offensive websites.

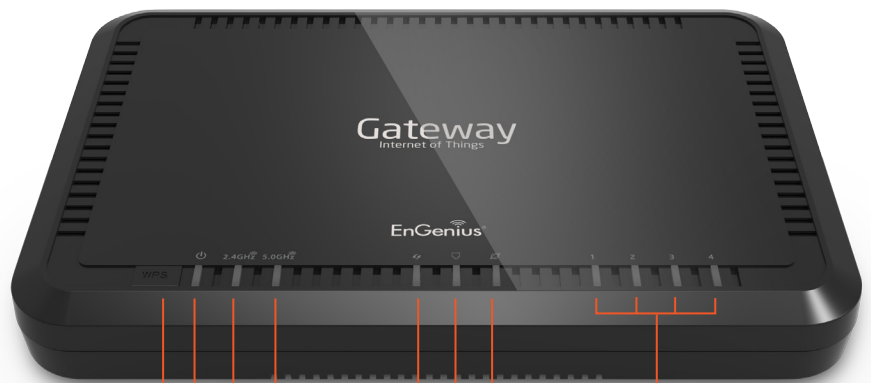
Users can also enable up to two (2) Guest Networks so friends or visitors can access the Internet gain access to specific devices like networked printers while protecting other networked computers or hard drives in the office or home that may contain private information.

This EPG600 also employs Advanced QoS (Quality of Service) 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.

A Robust, Reliable Dual Band Wireless Gateway

The EPG600 has a Gigabit WAN port for faster upload and download speeds to and from a small business' ISP (Internet Service Provider), as well as a built-in 4-Port Gigabit switch.

The EPG600 supports several robust security features and settings, including industry-standard wireless encryption such as WPA/WPA2 (Wireless Protected Access) to prevent unauthorized access to the home or office 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 to network access; and URL



WPS Button
Power LED
2.4 GHz LED
WPS LED
PSTN line/
Registration LED
5 GHz LED
Internet LED
LAN Ports LED



USB Port
for media sharing
Reset Button
Power Connector
Register Button
Internet
Gigabit ports for computers
and other devices
Phone
Jacks

Specifications

Standard

IEEE Standards

802.11a/b/g/n

802.3i/u/ab

Device Interface

1x Gigabit WAN Port

4x Gigabit LAN Ports

2x RJ-11 Ports

1x USB 2.0 Port

1x Reset Button

1x Push Button for WPS

1x Push Button for Auto Registration of your Smartphone

LED Indicator

Power

5 GHz Wireless

2.4 GHz Wireless

Internet

Register (For Smartphone Auto Registration)

LAN Ports

WPS

PTSN Line Connected

Power Specification

External Power Adapter

DC Out, 12V 1.25A

AC IN, 100-240V / 0.5A, 50/60 Hz

Software Features

Operation Mode

Router

WDS

Wireless Features:

Auto Channel Selection

Output Power Control

WMM (WiFi Multimedia)

MSSID (Multiple SSID)

Security

WEP

WPA-PSK / WPA2-PSK (TKIP/AES)

Hidden SSID

MAC Address Filtering

802.1X Authentication

Security (Continued)

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

Environmental & Mechanical

Temperature Range

Operating: 32°F to 104°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

Dimension: 8.58" x 5.43" x 1.26"
Weight: 1.54 lb

Certifications

FCC / CE / IC

Warranty

1 Year

Package Contents

EPG600
Power Adapter (12V 1.25A)
Quick Start Guides
RJ-45 Ethernet Cable
Mounting Kit

EnGenius Technologies | 1580 Scenic Ave. Costa Mesa, CA 92626

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Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. EnGenius Technologies, Inc. EnShare™ supports both FAT32 and NTFS USB formats. Transfer speeds of data from your router-attached USB storage device to a remote/mobile device may vary based on Internet uplink and downlink speeds, bandwidth traffic at either send or receive locations, the data retrieval performance of the attached storage device or other factors. EnGenius does not guarantee compatibility with all USB drives. EnGenius does not warrant its products or EnShare™ from loss of data or loss of productivity time.