Key Features

- Smart phone (iPhone and Android phone) = "Home Extension"
- Support SIP account x 10
- Easy installation, Plug and Play
- Toll saving
- EnTalk /EnShare/EnRoute APP supported (iOS/Android)
- Making new calls during conversation
- Make/Receive intercom calls with other smart phones
- Make/receive 2G/3G calls and PSTN calls simultaneously
- EnGenius Cloud Service

IoT Gateway with High Performance Wi-Fi & Phone ports

Easily Saving Hundreds Dollars per Overseas Travel

EPG600 IoT Gateway enables you to call your home country as local calls, thus saves on the tremendous international roaming bill.

No more cordless phones at your home

When you are at home, the EPG600 enables you to make and receive calls on your landline via your smartphone; your smartphone becomes your cordless phone, you do not need a cordless phone anymore. And it allows 10 (max.) users to enjoy the advantages. All calls among the 10 users are intercom calls, without any charge. Call-Hold and Call-Transfer among the 10 users are also provided for free.
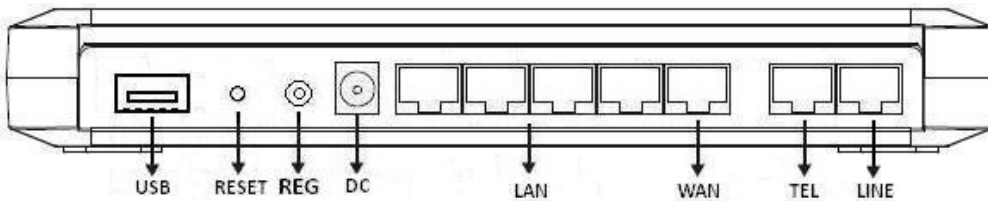
Use your home telephone line anywhere

When you are away from home (business trip in foreign), the EPG600 still enables you to receive and place calls on your home telephone line via your smartphone, anywhere there is Wi-Fi or mobile phone coverage. Therefore, your smartphone essentially becomes a coreless phone with unlimited range. All 10 users can enjoy the same, wherever they are. Robust and Reliable Wireless Performance

Internet of Things Solution for EnGenius Cloud Service

EnGenius Cloud Service is an Internet of Things (IoT) solution that links a vast array of devices (Routers, Gateways, USB-enabled devices, Storage devices, Home sensors & IP cameras) across your home network for network users to monitor and configure through mobile devices.

Physical Interface

LED	Button	Jack
• POWER	• WPS x 1	• LINE x1 , TEL x 1
• 2.4GHz Wireless	• REG x 1	• WAN x 1
• 5GHz Wireless	• RESET x 1	• LAN x 4
• LINE		• USB x 1
• WAN		• Power Jack
• WPS		
• LAN 1 ~ 4		

Technical Specifications

Physical Interface

- 1x 10/100/1000Mbps WAN Port
- 4x 10/100/1000Mbps LAN Port
- 1x Telephone Line Port
- 1x Telephone Tel Port
- 1x USB Host Port
- 1x WPS Button
- 1x Reset Button
- 1x REG Button
- DC Jack

LED Indicator

- 5GHz Wireless
- 2.4GHz Wireless
- Power LED
- WAN LED (Internet connection)
- WPS LED (Green/Orange)
- Phone Line LED

Package Content

- 1x EPG600
- 1x Power Adapter
- Quick Start Guide
- UsingEnGeniusCloud Guide
- 1x RJ-45 Ethernet Cable
- 1x RJ-11 Line Cord

Hardware Specification

- Dimension: 161.5 x 41.5mm (Diameter x Height)
- Weight: 500g
- Power Adapter: 12V / 1.25A

Voice

- SIP: Compliant with RFC3261
- SDP: Compliant with RFC2327

Call Feature

- Make or Receive PSTN Calls
- Line In Use Indication

- Add a New Call
- Mute
- Speakerphone
- Apps for Android Phone or iPhone/iPad

Certification

- FCC/CE

Physical/Environment Condition

- Operation Temp.: 0˚C ~ 40˚C
- Humidity 90% or less (Non-Condensing)
- Storage Temp.: -20˚C ~ 60˚C
- Humidity 95% or less (Non-condensing)

Wireless Specification

- IEEE802.11/a/b/g/n
- Wireless Band: 2.4GHz / 5GHz
- 4x Internal High Performance antennas
- Tx Output Power: 20±2dBm (MAX.)
- Rx Sensibility: -92dBm (MAX.)
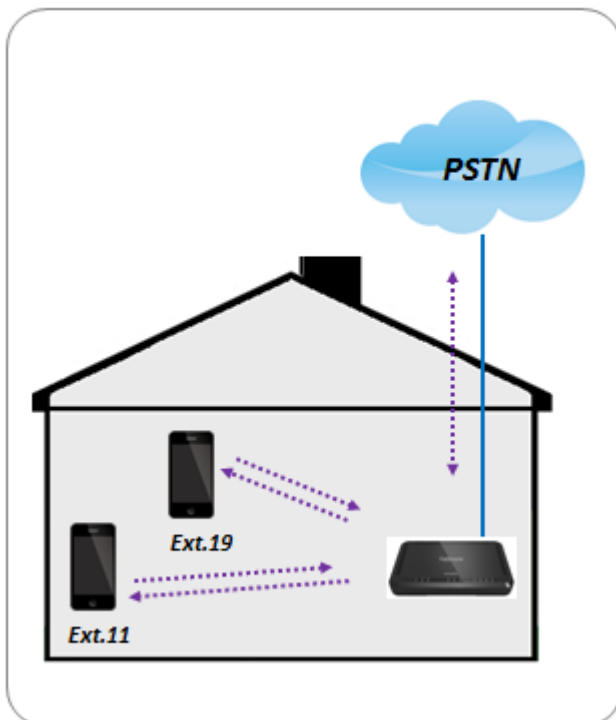- (The MAX. Power may be different depending on local regulations)

Software Features

- Operation mode: AP Router / WDS
- Wi-Fi ON / OFF
- Wireless Output Power Control
- Wireless QoS (WMM)
- Multi-SSIDs for both 2.4GHz & 5GHz
- Guest Network by Wireless SSIDs
- WPS (PIN / Bottom)
- Encryption: WEP / WPA / WPA2 / TKIP /AES
- WAN: PPPoE / Static IP / DHCP / PPTP/ L2TP
- IPv6 WAN / IPv6 LAN
- DHCP Server
- Port Forwarding / Mapping / Tagging
- ALG (Application Layer Gateway)
- VPN Passthrough: PPTP / L2TP / IPSec

- Lite VPN Server: PPTP / L2TP / IPSec
- QoS: MAC / IP / Port based
- URL / IP / Port / ICMP Filtering
- Clone MAC
- DMZ
- SPI Firewall / Anti-DoS Attack
- DNS / DDNS / EnGenius DDNS Service
- NTP / Sync. with PC
- UPnP / UPnP NAT Traversal

- IGMP Proxy
- DLNA
- Remote Control / Firmware Upgrade
- Emergency Recovery Page (System failure)
- Backup / Restore Setting
- Auto Power Saving
- USB: FTP Server / SAMBA / File Sharing
- Web Based File Server (USB sharing)

Application Diagram

Basic Application

Enhanced Application