



# PG-101 PERSONAL GATEWAY

**PG-101** is a well-designed, high performance personal gateway, a VoIP adapter with FXS, FXO interface. It is a device that converts analog voice signals into digital IP packets for transport over an IP network. It also converts digital IP packets in analog voice streams. Connects your phones or PBX via FXS port and your POTS (PSTN) line via FXO.

The benefit is for transferring traditional PBX to get low cost of VOIP services.

## Option: PG-101 can connect MV-370 VoIP GSM Gateway

User can easily carry away to receive calls from your original mobile phone and make outgoing calls to home country with original rate while traveling/abroad. No more international call charge. And no miss calls while going abroad. User can eliminate international call charge and roaming fee.

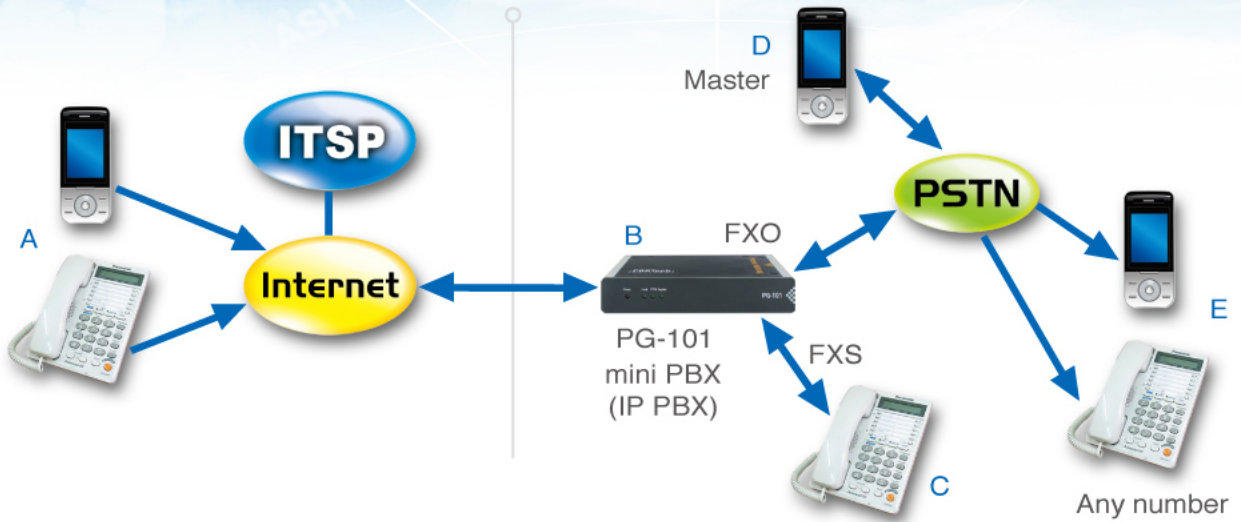
## Major Feature

- Master Number (Auto Transfer): User can assign a forward number for FXO dial out and authenticate the caller ID of PSTN incoming calls.
- VoIP to PSTN/PSTN to VoIP Call termination
- STUN/DHCP/NAT
- Peer To Peer Call /Call Forward/3-Way Conference Call
- Dial Plans selection
- DTMF Support: In-Band/Out-of-Band RFC2833/SIP Info
- Register up to 3 sets of SIP servers
- Call Routing by Prefix Number
- Speed Dial
- One stage/Two stage/Proxy Call transfer selection
- Connect MV-370: Eliminate international call charge and roaming fee.

## Specification

- Protocols: SIP (RFC2543, RFC3261)
- Codec: G.711 u-Law, G.711 a-Law, G.729A, G.729A/B
- Voice Quality, VAD, CNG, AEC, LEC, Packet loss

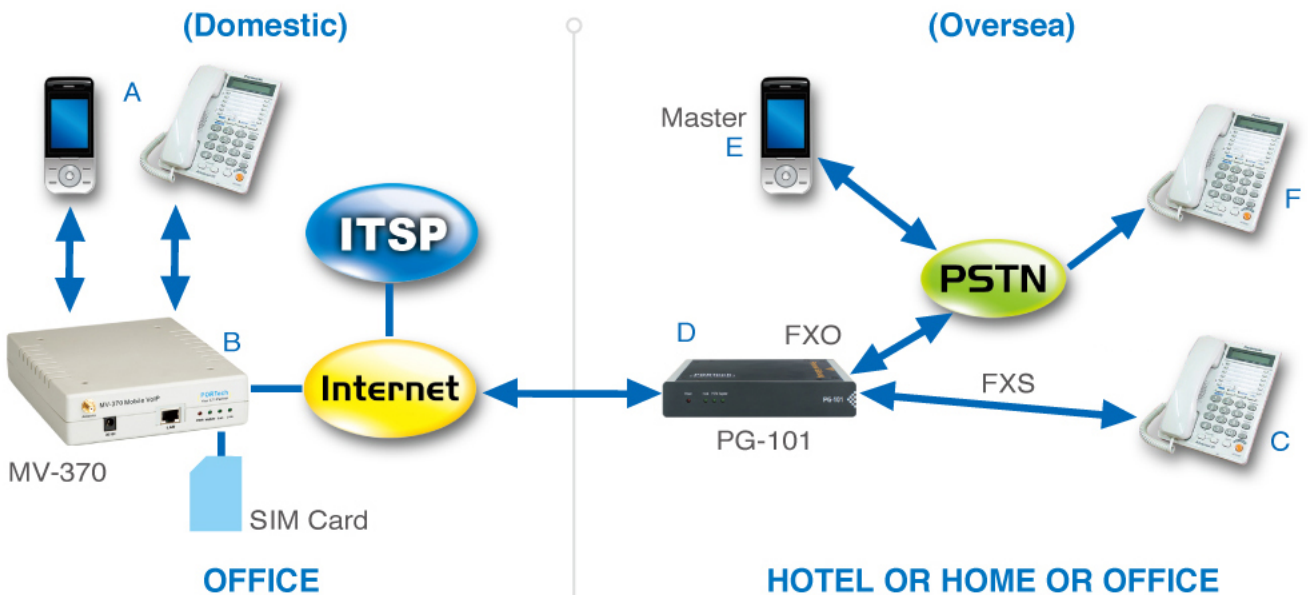
**Application 1**



**PG-101 can be a Mini PBX (IP PBX) and transfer call via PSTN and VoIP**

1. Incoming call support for VoIP (A-B-C or A-B-D) and support concurrent ring-C and D
2. Call transfer feature
  - a. A-B-C-E ( C can transfer to any number E via PSTN)
  - b. E-B-C-A ( C can transfer to any number A via VoIP)
  - c. D-B-A( Only Master number can dial any number A via VoIP)

**Application 2**



1. It can answer any domestic incoming calls with free roaming (A-B-D-C or A-B-D-E)
2. You can make local calls from (E-D-B-A) or (C-D-B-A) to save international fee with original mobile rate
3. 3-Way-Conference call (A-C-E(F))
4. Call forward (A-C-E(F)) or (E(F)-C-A)

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