

K-Box (IP101)

fixed2mobile Telephone Adapter for Mobile Service at Home



Features

- Support 1 PSTN and VoIP trunks
- Support 1 analog and 1 IP terminals
- Support 4 speed dial buttons for call transfer to cellular phones
- Build-in SIP proxy and intelligent call server
- Automated forward incoming call to designated cellular phone when no answer
- Automatic fall-back to PSTN line when power failed
- Mobile ring transfer to internal
- NAT and Routing functions
- Home phone as part of mobile in-network calling plan

Tecom K-Box (IP101) is a SIP (option: IMS SIP) based landline-to-mobile analog telephone adaptor for mobile home zone service.

K-Box is designed to provide two key features: **“never miss a landline call”** and **“home phone as part of mobile in-network family plan”**.

“Never miss a landline call” enables both home phone and cellular phone ring simultaneously when a phone calling from landline. In addition, “home phone as part of mobile in-network calling plan” enables your home phone using typically free or lower cost mobile in-network calling plan to save costs.

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Specifications

Voice Features

- Answering Position
- Call Abandon
- Caller ID
- Default Set
- IP Trunk
- Make an Outside Call
- Music On Hold
- Numbering Plan
- Polarity Reversal (PR) Detection
- PSTN backup
- System Data & Time

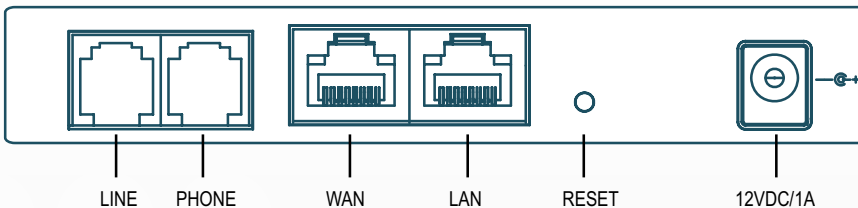
VoIP Features

- SIP v2 (RFC3261) / IMS
- G.711, G.729A, and G.723.1
- G.168 Line Echo Cancellation
- 2100 Hz Fax/Modem Tone Detection
- DTMF Detection
- Adaptive Jitter Buffer
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- DTMF Relay (RFC2833)
- Call Progress Tone Generation/ Detection

Network Features

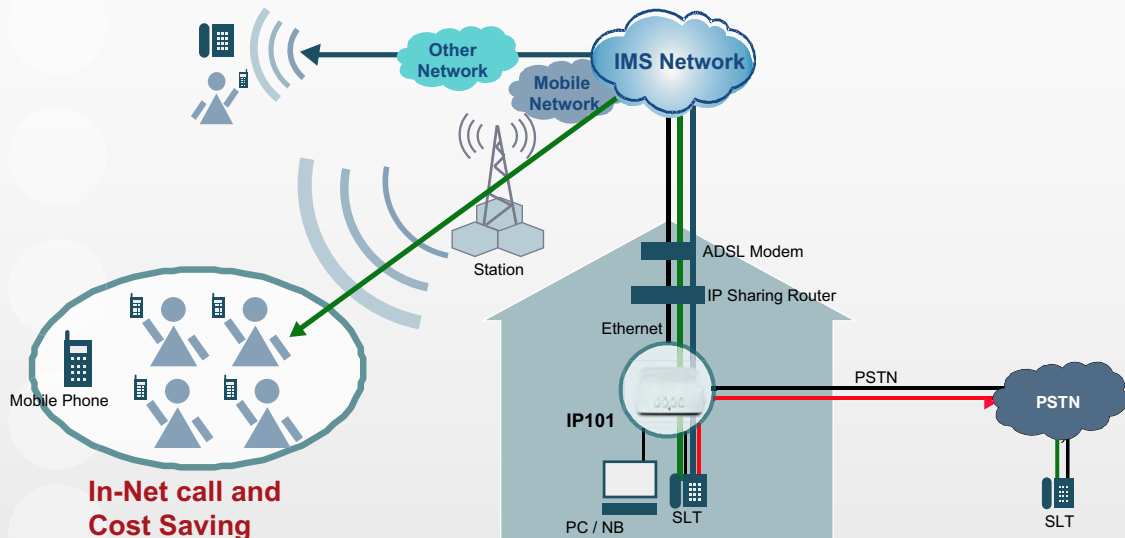
- TCP/IP Protocols
- IP Address Assignment
- Routing
- VoIP Protocols
- Configuration Management
- Remote Diagnostic
- DHCP server

Connectors of K-Box



Application Diagram

- 1 In-Net call
- 2 Out-Net call
- 3 911 call



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