

■ Product Overview

The IP37-31 Dual Mode VoIP phone is implemented with the latest 32 bit RISC CPU and the DSP (Digital Signal Processor) to offer brilliant audio quality over VoIP network.

In order to adapt the existing telecom environment, IP37-31 has an optional FXO interface to link to the traditional telephone line, so that the telephone could link to modern VoIP network and traditional PSTN network at the same time. This is where the “Dual Mode” comes from. It is one of the useful features of IP37-31; user could receive the calls from his existing customer on the FXO interface and enjoy the significant cost savings on long distance calls over the IP network. If the IP network has unknown factors disturbing its transmission, the user still can use the FXO line to make and receive calls.

■ Models

Model	Product Description
IP37-31	Standard Features
IP37-31P	Standard Features, PoE Facility.
IP37-31PF	Standard Features, PoE & FXO Features.

Note:

The PoE (Power over Ethernet) facility takes power from a PoE switch, so, no power adaptor is needed for the IP37-31P and IP37-31PF.

■ General Specifications

- Backlit LCD Display: 2 lines * 16 characters
- DSS/BLF button (Dual Color LED): 10 sets
- Ethernet 10/100M Based-Tx Auto Sense Port: Two ports
- Headset Jack

- VoIP Protocol: SIP RFC-3261
- Codec: G.711a/u, G.723, G.729, iLBC, GSM
- Audio Quality:
 - VAD (Voice Activity Detection)
 - CNG (Comfort Noise Generator)
 - PLC (Packet Loss Concealment)
 - AJB (Adaptive Jitter Buffer)
- Echo Cancellation: G.168
- VLAN Support
- QoS (Quality of Service): RTP/UDP (ToS/Diffserv)
- VPN Client (L2TP)



■ Standard Features

- Phone Book: 500 contacts
- Call Hold
- Three-Way Conference
- Call Split (Broker Call)
- Call log (Call out, Missed calls, Valid calls)
- DND (Do Not Disturb)
- Auto Answer
- Group Listening
- Handsfree Conversation
- Headset Mode
- Microphone Muting

■ Extra Features when working with a VP (VoIP Platform)

- Call Forward (All calls, Busy, No Answer)
- Voice Mail Indicator
- DSS (Direct Station Selection)
- BLF (Busy Lamp Field)
- Call Transfer
- Paging

■ Useful Features Description

Increase communication efficiency by Auto Answer

With this feature enabled, when someone calls this phone, it will be ringing at once and then automatically answer the call without the user touching the phone.

Quick information sharing by Group Listening

When talking with someone on the line, you can press the [SPK] key to enable the Group Listening feature and share the conversation with the people beside you; you will not be disturbed and other people can hear your conversation clearly.

Missed Call Indication

Missed calls will be indicated by the flashing [Log] button. Press this button to check the missed call and then press the [SPK] key to call that number. It is simple and easy to operate.

* Specifications are subject to change without prior notice.