# IPitomy IP290 SIP Phone

## Designed for Business

The IPitomy IP290 includes outstanding business features and flexibility in an enterprise grade IP telephone. Designed for business applications, this multi-line SIP telephone delivers the advanced features and performance expected in most business environments. Featuring a 5 line LCD display, the IP290 supports 2 lines with call appearances, has 4 multi function Soft Keys.

The IP290 is an Entry level phone with High Definition Audio supporting the G.722 codec.

### Features

- 128 x64 graphic dot matrix display, 5 lines visible (including one line icon display)
- High-fidelity sound quality:  HD encoding
- 2 SIP accounts
- 2 100BASE-T Ethernet interfaces, support POE
- Two Position Stand
- Integrated Wall Mount

### Detail

- 2 SIP accounts (with dual color LED)
- Wall Mount
- 3 Party Conference
- Voicemail
- Call waiting tone
- Multi-Language display
- Supports IPitomy Auto Provisioning TFTP/HTTP
- Automatic firmware updates
- Support TLS/HTTPS encryption protocol
- Power Over Ethernet (POE)
- RJ-9 headset interface
- Dual network interface

### Phone Features

- Support 2 SIP accounts
- Hotline
- Hold
- Call waiting
- Call transfer (blind,attended)
- Caller id
- Redial
- Mute
- DND/Pause
- Auto answer
- 3 Party Conference
- Speed-dial
- Voicemail Message Indicator
- Message lamp
- Volume control
- Custom ring tone
- Phonebook

- Call records:
  - Dialed calls
  - Received calls
  - Missed calls

- Friendly user interface
- One key Clear menu (button c)
- One key to view version number and network state (button c)
- Hardware diagnostics
- Multi-Language
- Programmable keys

### Advanced Features

- Enterprise phonebook
- IPitomy Provisioning
- Intercom paging
- Multicast Paging

### Audio Features

- Wideband encoding: G.722
- Narrow band encoding: G. 711.µ/A, G723.1, G.729AB
- Support VAD, CNG, AEC, PLC, AJB, AGC, such as audio processing ribbon coding
- Full duplex speaker, with automatic echo elimination (AEC)

### Network Features

- Support SIP v1(RFC2543), v2(RFC3261)
- Support DNS-SRV☐RFC3263☐
- Support STUN
- 3 DTMF modes: In-band, RFC2833, SIP INFO
- Network :static, DHCP, PPPOE
- Support bridge and router model
- Support TFTP/DHCP/PPPOE terminal
- Support DNS client, built-in NAT/DHCP service
- Login, logout in the web page

### Configuration Manager

- TFTP/HTTP automatic configuration
- 3 configuration models: web page, phone and IPitomy PBX auto provision
- Load default setting, capture package and system log export

### Security

- Support VPN, VLAN QOS(802.1pq)
- LLDP
- Support TLS(Transport Layer Security)
- Support HTTPS(client)
- Support TLS(Transport Layer Security)
- Support information authentication mechanism MD5
- Support AES encryption protocol
- Support phone locks

### Physical Properties

- 128 x64 graphic dot matrix display, 5 lines visible (including one line display icon)
- One RJ-9(4P4C) handset interface
- Two 100BASE-T Ethernet interfaces
- The power adapter: AC 100-240V input, DC 5V/1A output
- Support POE power supply (IEEE 802.3af)
- Power: 6w
- Net weight: 1.2KG
- Bare machine size: 7.8"X8.1"X2.1"
- Operating environment humidity: 10-90%
- Working environment temperature: 0☐ ~ 60☐

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