



# Enterprise-Level IP Phones for Growing Enterprises

Issabel TCS290 is a highly innovative SIP VoIP phone. It can perfectly satisfy all kinds of the enterprise communications. TCS290 integrates a large resolution 132x64 display screen, with intuitive user interface.

Offers high audio quality (HD handset), high definition speaker, with a rich set of business communication features that definitely improve working efficiency. Issabel TCS290 is highly suitable for small and medium sized business.



Learn more at:

[www.issabel.com](http://www.issabel.com)

## TCS-290 IP PHONE™

### ⚙️ Technical Specifications

#### Physical Features

- **132x64-pixel graphical LCD with backlight; 33 keys (2 programmable)**
- 1x3.5mm headset port, 1xRJ9 headset port
- **2xRJ45 10/100MB Ethernet ports**
- 2 Line keys with LED indicator and 4 soft keys
- **Live status Red and green LED for call and message waiting indication**
- 2 level adjustable bracket
- Wall-mountable

- **Power adapter: AC 100~240V input and DC 5V/1A output; USB port only support DC**
- **5V output feature.**
- Power over Ethernet ,IEEE 802.3af, class 0
- **Power consumption: 1.4-2.6W**
- Net weight: 0.80KG
- **Dimension: 196×39×204MM**
- Operating humidity: 10~95%
- **Storage temperature: up to 60°C**

#### Network Features

- **SIP v1 (RFC2543), v2 (RFC3261)**
- SIP connection: Proxy mode & Peering Points mode; IPV6; DNS SRV (RFC3263);
- **SRTP voice encryption (RFC3711)**
- Redundant server support
- **NAT Traversal: STUN mode**
- DTMF: In-Band, RFC2833, SIP Info, Auto
- **HTTP/HTTPS Web Management**
- IP Assignment: Static/DHCP/PPPoE
- **Bridge/Router mode for PC port TFTP/DHCP/PPPoE client**
- Telnet/HTTP/HTTPS server
- **DNS client, NAT/DHCP server Layer 3 ToS, DSCP**

#### Issabel LLC.

1926 José Ignacio Bartolache, Col. Del Valle, Del. Benito Juárez, CDMX, 03100, MEXICO.

### 📄 Key features

#### PHONE FEATURES

- **2 SIP accounts**
- Call hold, Call waiting, Call forward, Call return
- **Call transfer (blind/busy ask)**
- Caller ID display, Redial, Mute, DND
- **Auto-answer, 3-way conferencing**
- Speed dial, SMS, Voicemail
- **Message Waiting Indication LED**
- Tone scheme, Volume control
- **Programmable soft keys**
- Direct IP call without SIP proxy
- **Ring tone selection/import/delete**
- Phonebook (local up to 1000 entries)
- **Black list, Hands-free indicator**
- Support switching SIP server & 2nd server
- **Call history: dialed/received/missed (100-entries); One-key back (C)**
- Multi-Language (2aB/abc/ABC/123)

#### KEY FEATURES

- *HD Voice: HD Codec, HD Speaker, HD Handset.*
- *Multi-language: Chinese, English, French, Russian, etc.*
- *Support three-way conference, SMS.*
- *2xLAN, PoE(option), 3.5mm and RJ9Headset.*

#### Advanced Features

- XML Phone Book search and input & output
- Enterprise phone book(800 entries)
- LDAP phone book
- Action URL & Action URI
- Functions customizable keys
- XML Browser



### IP PBX System Integration

- **Busy lamp field (BLF), BLF list**
- Bridged line appearance (BLA)
- **DND & Forward synchronization**
- Intercom, Paging, Music on hold
- **Call pickup, Dial Plan, Call recording**
- Compatible with IssabelPBX
- **Anonymous call, Anonymous call rejection**
- Network conference, Distinctive ringtone

### Security

- **802.1x, VLAN QoS (802.1pq), SRTP**
- Transport Layer Security (TLS)
- **Digest authentication using MD5/MD5-sess**
- Secure configuration file via AES encryption
- **Encryption for configuration file**
- Phone lock for personal privacy protection
- **Admin/User 2-level LLDP, CDP**

### Codes and Voice Features

- **Wideband Codec: G.722**
- Narrowband codec: G.711μ/A, G.723.1, G.723 G.726, G.729AB, iLBC, VAD, CNG, AGC
- **Full-duplex hands-free speakerphone with AEC**



## Issabel IP Phones Series™

### Why buy Issabel Phones?

Issabel releases a new generation of IP phones for the modern office environment, bringing a new experience for work.

### Where and How to buy Issabel's IP Phones?

Visit:

- <http://experienciasip.com>
- <http://issabel.com>

Contact any of our Resellers or Email us at:

- [sales@issabel.com](mailto:sales@issabel.com)

### For any Support Request

Visit:

- <http://issabel.com/support>

or email us at:

- [support@issabel.com](mailto:support@issabel.com)

**Issabel LLC**

Issabel Mexico

+52 55 1164 7616