

# Enterprise HD IP Phone

## —Classic Gigabit IP Phone TS\_BASEG

TS\_BASEG delivers superior HD audio quality, rich and leading-edge telephony features, all the functions of software are the same as other models.



It is a perfect choice for small to medium businesses looking for a high quality, feature rich IP Phone at an affordable cost.

### Key Features and Benefits

#### 1. Friendly User-experience

TS\_BASEG presents users with visual experience through a 2.8-inch color LCD screen with backlight, and supports a large number of features, such as XML Browser, SCA, BLF List, call forward, call transfer, 5-way conferencing; through 12 DSS keys, it effectively saves operating time and achieves efficient office work, to meet the modern paperless office trend.

#### 2. HD Audio

TS\_BASEG not only upgrades its hardware such as handset, hands-free components and headset, but also supports Opus and other sound codecs, creating a clearer voice, and achieving HD sound quality under different network bandwidths, making remote communication close at hand and helping your team to more smoothly.

#### 3. High Security and Wide Compatibility

TS\_BASEG supports SRTP and TLS which is the latest network security technology. It is widely compatible with third-party SIP devices and leading SIP platforms, such as 3CX, BroadSoft, Net Sapiens. Furthermore, TS\_BASEG is equipped with a dual firmware images function, which can prevent system crashes caused by upgrade failures and provide you with carrier-class system protection.

#### 4. Efficient Installation and Provisioning

You can use RPS (Redirection and Provisioning Service) to achieve fast and efficient deployment. Users do not need to manually configure and upgrade the phone; instead, just power on and connect to the Internet, and the phone can be automatically deployed, saving a lot of time and cost, and realizing "Zero Touch Provisioning" in the true sense. In addition, it supports advanced tools such as Device Management System, so firmware update and device management can also be completed through remote operation, making the phone easy to use, easy to deploy, and easy to manage.

- 2.8" 320x240 pixel color display with backlight
- 4 SIP accounts, 6 feature keys, 4 line keys
- Support up to 12 paperless DSS keys
- Local phonebook up to 1000 entries
- Support Opus Codec
- HD Voice: HD Codec, HD Speaker, HD Handset
- Dual-port Gigabit Ethernet
- PoE support
- 5-way conferencing
- Stand with one angle at 40°
- Wall mountable
- Support Device Management System

## Phone Features

- 4 SIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer, direct IP call
- 5-way conferencing
- Group listening, SMS, emergency call
- Ring tone selection/provisioning
- Set date time automatically or manually
- Dial plan per account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI

## Audio Features

- HD voice, HD handset, HD speaker, HD codec
- Codecs: iLBC, G.722, G.711(A/μ), Opus, G.723.1, G.729AB, G.726-32
- DTMF: In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, AGC, CNG, AEC, PLC, AJB

## Directory

- Local phonebook up to 1000 entries
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- Black list

## IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Voice mail
- Intercom, paging
- Call park, call pickup
- Music on hold
- Hot-desking
- Flexible seating
- Call recording

## Feature keys

- 4 line keys with LED
- 4 line keys can be programmed up to 12 Paperless DSS keys
- 6 feature keys: mute, headset, message, transfer, redial, speaker
- 4 context-sensitive soft keys
- 5 Navigation keys(include cancel key) and volume control keys

## Display and Indicator

- 2.8" 320x240 pixel color LCD with backlight
- LED for call and message waiting indication
- Illuminated LEDs for line status information
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number

## Interface

- Dual-port Gigabit
- Power over Ethernet (IEEE 802.3af), class 2
- IEEE 802.3az Green Energy Efficient Ethernet
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port

## Physical Features

- Stand with one angle at 40°
- Wall mountable
- External universal AC adapter : AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.8~4.4W
- Power consumption (PoE): 2.3~5.3W
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

## Management

- Configuration: browser/LCD-Menu/auto-provision
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto-provision with PnP
- Reset to factory, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection

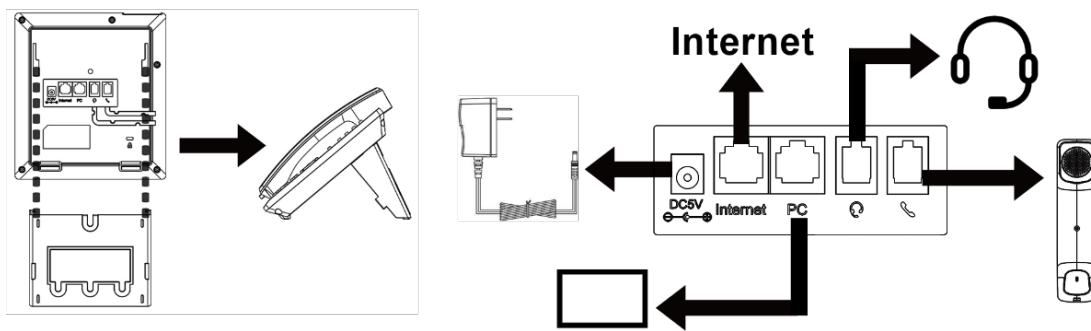
## Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- DNS-NAPTR/DNS-SRV(RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- Transport Layer Security(TLS1.2), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IEEE802.1X/OpenVPN
- IPv4/IPv6, LLDP/CDP/DHCP VLAN

## Package Features

- Package content:
  - Phone Device\*1pcs
  - Footstand\*1pcs
  - Handset\*1pcs
  - Handset Cord\*1pcs
  - Ethernet Cable\*1pcs
  - Quick Reference Manual
  - Power Adapter (Optional)
- Qty/CTN:15pcs
- N.W/CTN:12.56kg
- G.W/CTN:13.61kg
- Phonebox Size:187mm(L)\*198mm(W)\*90mm(H)
- Carton Meas:585mm(L)\*475mm(W)\*220mm(H)

## Compliance



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