

# T46G IP Phone

Standard and Affordable Color IP Phone with optional  
2 x 30 button side bar for the Central Station & Business



communicationsolutions

## The T46G IP Phone Advantage

IP Phone for executive users and busy professionals.  
High resolution TFT color display, delivering a rich visual experience.  
Optima HD technology enables rich, clear, life-like voice communications.  
Supports EHS headset and USB.  
Programmable keys, supports vast productivity-enhancing features.  
Optional 2 x 20 button LCD expansion module – Maximum 6



### Audio Features

- HD voice: HD handset, HD speaker
- Codecs: G.722, G.711(A/μ), G.723, G.729AB, G.726, GSM
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC VAD, CNG, AEC, PLC, AJB, AGC

### IP-PBX Features

- Busy Lamp Field (BLF), BLF list
- Bridged Line Appearance (BLA)/SCA
- Anonymous call, anonymous call rejection
- DND & forward synchronization
- N-Way calling, remote office
- Network call logs
- Message Waiting Indicator (MWI)
- Voice mail, Call Park, call pickup
- Intercom, paging, music on hold
- Call completion, call recording, hot-desking

### Phone Features

- 6 Line appearance - VoIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Group listening, SMS, emergency call
- Redial, call return, auto answer
- Call history: dialed/received/missed/forwarded
- 3-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date time manually or automatically
- Dial plan, XML Browser, action URL

### Directory

- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export

### Display and Indicator

- 4.3" 480 x 272-pixel color display with backlight
- 16 bit depth color
- LED for call and message waiting indication
- Dual-color (red or green) illuminated LEDs for line status information

- Wallpaper
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number and photo

### Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External universal AC adapter (optional):
- AC 100~240V input
- Power consumption (PSU): 1.8W-5.4W
- Dimension (W\*D\*H\*T):
- 244mm\*213mm\*185mm\*54mm
- Operating humidity: 10~95%
- Storage temperature: -10~50°C

### Feature keys

- 10 line keys with LED
- 10 line keys can be programmed up to 27 various features (3-page view)
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 4 context-sensitive "soft" keys
- 6 navigation keys
- 2 volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

### Interface

- Dual-port Gigabit Ethernet
- Built-in a USB port, support Bluetooth headset (Through USB Dongle)
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- 1XRJ12 (6P6C) EXT port:
- Supports up to 6 Expansion Modules for an

- attendant console application
- Power over Ethernet (IEEE 802.3af), class 3
- USB 2.0
- Internet

### Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- NAT transverse: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV(RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS
- DSCP
- SRTP for voice
- Transport Layer Security (TLS)
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- Open VPN, IEEE802.1X
- IPv6

### Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS
- for mass deploy
- Auto-provision with PnP
- Zero-sp-touch, TR-069, SNMP
- Provisioning server redundancy supported
- Phone lock for personal privacy protection

### Communication Service Solutions

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