

# T48G IP Phone

## Ultra-Elegant Gigabit IP Phone

An ideal Phone for your Central Station & Business



communicationsolutions

### The T48G IP Phone Advantage

Designed with the security industry in mind, the CSS T48G IP Phone features a large touch panel that makes switching between different screens and applications swift and easy. The T48G's HD technology very carefully creates the impression that you are sitting virtually face-to-face opposite the person at the other end of the call. The T48G is also built for Gigabit Ethernet and facilitates very rapid call handling and the application of accessories such as a Bluetooth USB Dongle, plus wired and wireless headsets. This new IP Phone supports impressive productivity-enhancing features which make it the natural and obvious efficiency tool for the operators in the Central Station environment.



#### Audio Features

- HD voice
- Dual-port Gigabit Ethernet
- 7", 800 x 480-pixel touch screen with backlight
- Built-in USB port, support Bluetooth headset (Through USB Dongle)
- Up to 6 SIP accounts
- Label free design
- PoE support
- Headset, EHS support
- Supports expansion modules
- Stand with 2 adjustable angles
- Wall mountable
- Support of Aeonix automatic provisioning mechanism
- Multi Language Support
- Extended SIP Functionality (ESF) provided by Aeonix

#### Network and Security Features:

- SIP v1 (RFC2543), v2 (RFC3261)
- IPv6
- Call server redundancy supported
- 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
- OpenVPN, IEEE802.1X

#### Features

- 16 VoIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline

- Call forward, call waiting, call transfer
- Group listening, emergency call
- Redial, call return, auto answer
- 3-way conferencing
- Ring tone selection/import/delete
- Set date time manually or automatically
- Dial plan, XML Browser, action URL/URI

#### Codecs and Voice Features

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

#### Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- Auto-provision with PnP > Zero-sp-touch, TR-069
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log

#### Management

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 0
- Built-in a USB port, supports Bluetooth headset
- 1xRJ9 (4P4C) handset port
- 1XRJ12 (6P6C) EXT port: Supports up to 6 Expansion Modules for an Attendant Console application
- Wall mountable (optional)
- External universal AC adapter (optional): AC 100~240V input and DC 5V/2A output
- Power consumption (PSU): 2.0-6.4W
- Power consumption (PoE): 2.4-10.5W
- Dimensions (W\*D\*H\*T): 266mm\*226mm\*185mm\*54mm
- Operating humidity: 10~95%
- Operating temperature: -10~50

#### Communication Service Solutions

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