



## **Bogen NQ-T1100 VoIP Admin Phone – Color Touch Display**

The Bogen NQ-T1100 VoIP phone (by Yealink) offers a large 7" color touch screen that makes navigating features and menus swift, easy and convenient. The NQ-T1100 employs Yealink's Optima HD Voice technology and a wideband codec for unparalleled audio clarity.

### **KEY FEATURES AND BENEFITS**

#### **HD Audio**

Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance, allowing the NQ-T1100 to deliver higher HD audio quality than other VoIP phones in a high traffic network environment. And its hearing aid compatible (HAC) handset helps individuals with hearing loss to experience voices more clearly.

#### **Easy Customization and High Expandability**

The NQ-T1100 has a seven-inch, 800 x 480-pixel, backlit-color touch screen, which enables a rich visual presentation and easy navigation. A built-in USB 2.0 port can also be used for Bluetooth headset connectivity. The phone has 29 one-touch DSS keys which can be programmed to various features.

#### **Efficient Installation and Provisioning**

The NQ-T1100 supports auto-provisioning to help deliver 'zero touch provisioning' – eliminating any complex manual settings – making the NQ-T1100 simple to deploy, easy to maintain and upgrade.

#### **Secure Transport and Interoperability**

The NQ-T1100 uses SIP over Transport Layer Security (TLS/SSL), which is the latest network security technology.

#### **Audio Features**

- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Codecs: Opus, 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

#### **Phone Features**

- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Group listening, emergency call
- Redial, auto answer
- 3-way conferencing
- Call park, call pickup
- Ring tone selection/import/delete



- Set date time manually or automatically
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- USB port (2.0 compliant) for optional Bluetooth headset
- Enhanced DSS key

## **Directory**

- Local phonebook up to 1000 entries
- Black list
- Nyquist XML remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- Display and Indicator
- 7" 800 x 480-pixel color touch screen with backlight
- 24-bit depth color
- LED for call and message waiting indication
- Background wallpaper
- Intuitive user interface with icons and soft keys
- Caller ID with name, number and photo
- Screensaver
- Power saving mode

## **Feature keys**

- 29 one-touch DSS keys
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 6 navigation keys
- Volume control keys
- Illuminated mute, headset and hands-free speakerphone keys

## **Interface**

- 2 x RJ-45 Gigabit Ethernet ports
- Power over Ethernet (IEEE 802.3af), Class-3
- 1 x USB port (2.0 compliant)
- 1 x RJ9 handset port
- 1 x RJ9 headset port
- 1 x RJ12 EXT expansion port (Not used)

## **Management**

- Configuration: browser/phone/auto-provision
- Auto provision via Nyquist server for mass deployment
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log

## **Network and Security**

- SIP v1 (RFC2543), v2 (RFC3261)
- NAT traversal: 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
- OpenVPN, IEEE802.1X
- IPv6
- LLDP/CDP/DHCP VLAN
- ICE

## **Other Physical Features**

- Wall mountable (optional)
- External AC adapter (optional):
  - AC 100-240V input and DC 5V/2A output
- Power consumption (Optional AC adapter): 2.23-7.29W
- Power consumption (PoE): 3.19-10.78W
- Dimensions (W x D x H x T):
  - 266mm x 226mm x 185mm x 54mm
- Operating humidity: 10% - 95%
- Operating temperature: -10°C - 50°C

## **Package Contents**

- Bogen NQ-T1100 VoIP phone base unit
- Handset with handset cord
- Ethernet Cable (2m CAT5E UTP Cable)
- Attachable Stand
- Quick Start Guide