



Bogen NQ-T1000 VoIP Staff Phone – LCD Display

The Bogen NQ-T1000 VoIP staff phone (by Yealink) offers a 132x64 pixel, backlit graphical LCD display that is crisp, clear, and easy-to-use. The NQ-T1100 is a cost-effective, entry-level phone that offers rich visual information and HD Voice. It has dual 10/100 Mbps network ports with integrated PoE support for today's modern networks.

KEY FEATURES AND BENEFITS

HD Audio

HD Voice refers to the combination of the phone's software and hardware design, as well as the implementation of wideband technology to maximize acoustic performance. Coupled with advanced acoustic clarity technologies, such as full duplex operation, echo cancellation, adaptive jitter buffer, etc., the NQ-T1000 provides clearer, more life-like voice communications.

Enhanced Call Management

The NQ-T1000 supports numerous productivity-enhancing features such as busy lamp field, call park, call pickup, call forward, call transfer, and 3-way conference.

Efficient Installation and Provisioning

Integrated IEEE 802.3af Power-over-Ethernet capability allows easy deployment with centralized powering and backup. The NQ-T1000 supports auto-provisioning via the Nyquist server for mass deployment.

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
- Wideband codec: G.722
- Narrowband codec: G.711(A/μ), G.723.1, G.729AB,
- 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, SMS, emergency call
- Redial, auto answer
- Local 3-way conferencing
- Ring tone selection/import/delete
- Set date time manually or automatically
- RTCP-XR (RFC3611)

Directory

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

Feature keys

- 2 line keys with LED
- 6 feature keys: message, headset, redial, transfer, mute, hands-free speakerphone
- 6 navigation keys
- Volume control keys

Interface

- 2 x RJ45 10/100M Ethernet ports
- Power over Ethernet (IEEE 802.3af), Class-2
- 1 x RJ9 handset port
- 1 x RJ9 headset port

Management

- Configuration: browser/phone/auto-provision
- Auto-provisioning 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 transverse: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP
- 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

Other Physical Features

- Wall mountable
- External universal AC adapter (optional):
 - AC 100-240V input and DC 5V/600mA output
- Power consumption (optional AC adapter): 1.2 – 1.9W
- Power consumption (PoE): 1.8 - 2.3W
- Dimensions (W x D x H x T):
 - 209mm x 188mm x 150mm x 41mm
- Operating humidity: 10% - 95%
- Operating temperature: -10°C - 50°C

Package Contents

- Bogen NQ-T1000 VoIP phone base unit
- Handset with handset cord
- Ethernet Cable (2m CAT5E UTP Cable)
- Detachable Stand
- Quick Start Guide