nx ™

Life can be easier

NA1101 > IP PHONE

▶ The **NX**™ **Tern series** is a full-function, business-class, economical, and easy-to-install IP telephone solution, which takes full advantage of the power of the data network, and greatly enhances the communication experience.

The NA1101 IP PHONE is emphasized on the powerful communication functions and easy-to-use user interface. You can just connect it to your existing data network with simple configurations, and start to enjoy the communication convenience provided by NA1101!

The following key features are provided by NA1101:

▶ 13 function keys providing easy-to-use experience with "one button, one function" design.

▶ More than 15 business communication functions to help increase productivity.

▶ Supports up to 512 characters short message.

▶ Supports static IP, DHCP, and PPPoE configuration.

▶ 2 Ethernet switching ports simplifying network cabling and reducing switch port usage.

▶ Providing high quality voice with advanced voice optimization technology.

▶ Special phone casing design provides the ruggedness requirement.

▶ Big and clear 16 x 2 characters LCD.

▶ Built-in personal phone address book.

TECHNICAL SPECIFICATION

Tern series

Model

- TERN series NA1101 IP phone

User interface

- 16x2 dot-matrix LCD display with navigation key and 4 control keys
- 13 LED function keys, 12 CCITT keys, and a volume control key
- 3 user-adjustable ring tones

Call features

- Hands-free speakerphone
- Caller ID display
- Call hold, call forward, call transfer
- Call park, call pick up, DND
- Abbr call, three-way conference
- Built-in address book

Voice features

- G.711a, G.711μ, G.723.1, G.729, G.729a, and G.729ab audio compression codecs
- Supporting SIP protocol
- Silence suppression, comfort noise generation (CNG), voice activity detection (VAD), DTMF transmitter, call progress tone generation, acoustic echo cancellation, and dynamic jitter buffer
- Supporting IEEE 802.1p CoS, Diffserv ToS/ VLAN tagging for QoS

Network features

- Two 10/100Base-T ports with built-in Ethernet switch
- Automatic IEEE 802.1q VLAN configuration
- Static IP, DHCP, and PPPoE supported
- NAT traversal (STUN)

Power

- IEEE 802.3af PoE or external power adapter (100~240 VAC, 50/60Hz)
- Power consumption < 6 watts

Environmental

- Dimensions (L x W x H): 8.3" x 7.5" x 5.9" (21 cm x 19 cm x 15 cm)
- Weight: 1.8 lb (0.8 kg)
- Operation Temperature: 0 ~ 40 ° C
- Operation Humidity: < 95%, non-condensing

Management

- LCD/keypad user interface
- Web management interface
- TFTP remote software upgrade

Ordering Information

- NA1101 Phone set with PoE, optional for power adapter
- NA1100 Phone set with power adapter, non PoE

Distributor.

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