DT820 IP
Desktop Telephones

NEC sets the standard for easy to use phones with the DT820 IP telephones - ideal for almost any work environment.

At a Glance

- Choice of two DT820 IP models, either 6 button or 8 button self-labeling

- User friendly interface makes both ideal for public and business usage

- Affordable and cost effective phones for business users

- Both models are software upgradeable, eliminating the need for new hardware

Overview

The DT820 IP desktop telephones--the 6-button and the 8-button Self-labeling, are a cost-effective option for standard business users as well as a great choice for use in building lobbies, public spaces, and contact centers. The 8-button self-labeling phone can be upgraded to 32 line buttons, making it ideal for almost any work environment; in fact, the NEC DT820 standard use self-labeling desktop telephones are upgradeable to support more extensions and to network, making them both enterprise and call center friendly. Power is supplied to the DT820 phones via PoE (Power over Ethernet).

DT820 interfaces are designed to improve the overall user experience while remaining intuitive – with no extensive training needed. At-a-glance notifications include new voice messages, missed calls and the telephone user's current presence status. Both the DT820 6-button as well as the

8-button self-labeling are supported on the UNIVERGE® SV9000 and SV8000 Series communications platforms.

With two models to choose from, you can select an affordable telephone with features that best fit your organizational needs.

Software Upgradability

With the DT820 telephones, we are providing a better way to upgrade your phones in the field, with software upgradability. Through licensing, the DT820 6-button and 8-button self-labeling models are able to upgrade their network support from 10/100 to 10/100/1000. And on the 8-button self-labeling, you can increase the line presence from 8 to 16 to 32. No longer is there any need to stock or purchase new hardware.

The DT820 6-Button Telephone

This 6-button phone offers a familiar user interface. It includes a black and white display, headset jack and fixed line, and feature keys such as conference, transfer and hold.

Black & White LCD

Call Data: Time & date, extension name & number plus incoming call info

Handset

Narrowband Support

Speaker

Narrowband Support

Hold, Transfer & Speaker Buttons

Microphone

Support for full duplex hands-free operation

Navigation Cursor

Menu Key

Call History - redial/missed calls, directories, settings: ring volume, any assignable terminal feature defined by the NEC switch

Message Waiting Indicator Light

3 colors - Red, green & amber

Soft Keys

Voice switch controlled & features dynamically change depending on state of the phone

Transparent Buttons (Line Keys)

One-touch access to system features such as: Extension dialing, Lines/Call Park, Voicemail Box, Call Recording

Feature Keys

Recall, Feature, Answer, Microphone

The DT820 8-Button Telephone

The DT820 8-button self-labeling phone includes the features and functionality of the 6-button model plus helps lower the cost for any adds/moves/changes that are required in a normal business environment. The line presence can also be increased from 8 to 16 to 32.

Black & White LCD

Call Data: Time & date, extension name & number plus incoming call info

Handset

Narrowband Support

Speaker

Narrowband Support

Hold, Transfer & Speaker Buttons

Microphone

Support for full duplex hands-free operation

Navigation Cursor

Menu Key

Call History - redial/missed calls, directories, settings: ring volume, any assignable terminal feature defined by the NEC switch

Message Waiting Indicator Light

3 colors - Red, green & amber

Soft Keys

Voice switch controlled & features dynamically change depending on state of the phone

Transparent Buttons (Line Keys)

One-touch access to system features such as: Extension dialing, Lines/Call Park, Voicemail Box, Call Recording

Feature Keys

Recall, Feature, Answer, Microphone

The DT820 IP Desktop Telephones - a cost-effective option for standard business users plus a great choice for use in all other areas of your business.

DT820 Specifications

DT820		
Line Keys / Product Number	6-Line Key (ITY-6D-1(BK) Tel)	8-Line Key Self-Labeling (ITY-8LDX-1(BK) Tel)
LCD Display — Resolution	168 x 41 dot	168 x 128 dot
LCD Display — Dimension	93.3 x 27.7 mm	70.036 x 61.036 mm
LCD Display — Color	Black/White	
LCD Display — Backlit Display	Yes	
Line Key — Color	Red, Green full line key illumination	
Line Key — Backlit Keypad	Yes	
Soft Key	6 buttons (Exit, Help and 4 button)	
10 Key Backlit	No	
Message Waiting Lamp Color	Red, Green and Amber illumination supported (3)	
Handset	Analog headset jack is standard Narrowband capable (300 HZ to 3400 HZ) RJ-9 audio port	
Hands Free	Full Duplex - Narrowband support (300 HZ to 3400 HZ)	
Headset	Full Duplex - RJ9 / Optional support of EHS functionality with APD-80 cable	
LAN I/F	10BASE-T (IEEE802.3i) / 100BASE-TX (IEEE802.3u) / Optional support with software licenses for 1000 BASE-TX (IEEE802.3-2008)	
IPv6	Not supported	
VLAN	Menu configurable VLAN assignment for PC and LAN ports	
LLDP	Supported	
PC Port Connectivity	Yes: with menu control to enable/disable the port and configure network speed	
USB I/F	N/A	
Bottom Option	Not supported	
Side Option	Not supported	
Directory Card	Not supported	
Consumed Power	GIG Disable (Max: 2.7W, Idle: 1.7W), GIG Enable (Max: 3.6W, Idle: 2.1W)	
Power Feeding	PoE: IEEE802.3 at Type1	
External AC	Not supported	
Face Plate	Not supported	
Tilt Angle	2 Step (25 and 38 Degrees)	2 Step (25 and 38 Degrees)
Dimension (WxDxH)	W178 x D215 x H133 (mm)	W178 x D221 x H133 (mm)
Weight	0.8kg	0.9 kg

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