

DT820 IP Desktop Telephones



NEC sets the standard for ease of use with the DT820 IP desktop telephones - a variety of models that are ideal for almost any work environment.



At a Glance

- > Choice of three DT820 IP models - one 6 button and two 8-button, self-labelling phones (colour or greyscale LCD)
- > User friendly interface makes all of them ideal for public and business usage
- > Affordable and cost effective phones to suit all your business needs
- > Software upgradeable, eliminating the need for new hardware
- > Built-in Gigabit Ethernet comes standard on the 8-button colour LCD model and is supported on the 6-button and 8-button greyscale LCD models with required optional licence

Overview

The DT820 IP desktop telephones – the 6-button and the two 8-button self-labelling [greyscale or colour LCDs] – are cost-effective options for standard business users as well as a great choice for use in building lobbies, public spaces, and contact centres. The 8-button self-labelling phones can be upgraded to 32 lines (8 physical keys with remainder virtual), making it ideal for any work environment and making them both enterprise and call centre friendly. Built-in Gigabit Ethernet comes standard on the 8-button colour LCD model and is supported on the 6-button and 8-button greyscale LCD models with required optional licence. Power is supplied to all 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 two 8-button self-labelling phones are supported on all of NEC's UNIVERGE SV9000 series communications platforms while the 6- & 8-button greyscale models are also supported on UNIVERGE 3C and SIP@Net.

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

Software Upgradability

With the DT820 telephones, NEC provides a better way to upgrade your phones in the field, with software upgradability. Through licensing, the DT820 6-button and 8-button self-labelling greyscale LCD models are able to upgrade their network support from 10/100 to 10/100/1000. And on the two 8-button self-labelling phones, 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 greyscale display, headset jack and fixed line, and feature keys such as conference, transfer and hold.

Greyscale LCD

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

Handset

Full Duplex Support

Speaker

Full Duplex Support

Hold, Transfer & Speaker Buttons

Microphone

Support for full duplex hands-free operation

Navigation Cursor

Message Waiting Indicator Light

3 colours - 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 dialling, Lines/Call Park, Voicemail Box, Call Recording

Feature Keys

Recall, Feature, Answer, Microphone

Menu Key

Directories, settings: ring volume, any assignable terminal feature defined by the NEC switch

The DT820 8-Button Telephones

The two DT820 8-button self-labelling phones include 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.

Colour or Greyscale 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

Message Waiting Indicator Light

3 colours - Red, green & amber

Transparent Buttons (Line Keys)

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

Soft Keys

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

Feature Keys

Recall, Feature, Answer, Microphone

Menu Key

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

DT820 Features

Line Keys / Product Number		6-Line Key (ITY-6D-1(BK) Tel)	8-Line Key Self-Labeling (ITY-8LDX-1(BK) Tel)	8-Line Key Self-Labeling (ITY-8LCGX-1(BK) Tel)
LCD Display	Resolution	168 x 41 px	168 x 128 px	320 x 240 px
	Dimensions LCD active display	85.66 x 22.12 mm	70.04 x 61.04 mm	70.32 x 52.74 mm
	Dimensions LCD module in terminal	103.0 x 38.7 mm	81.0 x 78.0 mm	76.9 x 63.9 mm
	Colour	Greyscale		Colour
	Backlit Display	Yes		
Line Key	Colour	Red, Green full line key illumination		
	Backlit Keypad	Yes		
Soft Key		6 buttons (Exit, Help and 4 button)		
10 Key Backlit		No		
Message Waiting Lamp Colour		Red, Green and Amber illumination supported (3)		
Handset		Analogue 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		
Menu	Local	Yes	Yes	Yes
	Short Cut	No	No	Yes
Phone Book	Local	No	No	Yes
	System	Yes	Yes	Yes
Call History	Local	No	No	Yes
	System	Yes	Yes	Yes
System Info Display (Home Screen)	Desktop Icon	No	No	Yes
	4 Line Display	No	No	Yes
	Volume	Yes	Yes	Yes
	Soft Key Frame	No	No	Yes
	Double Height Size	No	No	Yes
Wallpaper for Display		No	No	Yes
LAN I/F		10BASE-T (IEEE802.3i) 100BASE-TX (IEEE802.3u) Optional support with software licences for 1000 BASE-TX (IEEE802.3-2008) *		10BASE-T (IEEE802.3i) 100BASE-TX (IEEE802.3u) 1000 BASE-TX (IEEE802.3-2008)
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		
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		
Tilt Angle		2 Step (25 and 38 Degrees)		
Dimensions		W178 x D215 x H133 (mm)	W178 x D221 x H133 (mm)	W178 x D221 x H133 (mm)
Weight		0.8kg	0.9 kg	1.0 kg
Supported Platforms		UNIVERGE SV9000 Series / UNIVERGE 3C / SIP@Net		UNIVERGE SV9000 Series

* SV9100 and 3C only

For further information please contact NEC EMEA or:

EMEA (Europe, Middle East,
Africa) NEC Enterprise Solutions
www.nec-enterprise.com