UNIVERGE® IP and Digital

Desktop Telephones

DT800 - DT400 Series **Desktop Telephones**

To facilitate smarter work environments, NEC has developed the DT800 and DT400 Series desktop telephones which are supported on the UNIVERGE SV9000 and SV8000 Series communications platforms. With NEC's innovative desktop telephones, you can increase feature functionality through applications support and personalization of each phone. With our wide assortment of phones to choose from, you can select a telephone that best fits each employee's role within your organization.

DT800/DT400 Series Desktop Telephones offer:
- Customization to meet employees' specific communications needs
- Support for a wide range of applications which help improve overall employee efficiency and productivity
- Maximum deployment flexibility and investment protection
- Support of XML open interface (on IP telephones)
- An easy-to-use intuitive interface and an interactive user manual
- Comes standard with features for the visually impaired such as audio key action feedback and large character display

At a Glance
- **Wide Range of Choices** - choose from IP or digital, 2-line keys to 32+ or DESI-less, grayscale or color display, custom keypads, plus more
- **Customizable function keys** – can be adapted to the exact individual requirements of your business
- **User-friendly interface** – little or no staff training required
- **Gigabit built-in** – eliminates the need of having to buy an adapter, even on DESI-less telephones
- **Bluetooth Connection Adapter** - enables users to receive and place calls through either their smart device or desktop telephone

Empowering the
Smart Enterprise

Choice of IP or Digital Telephones

UNIVERGE® DESKTOP DIGITAL TERMINALS

DT410 : DTZ-2E

DT410 : DTZ-6DE

DT430 : DTZ-12D

DT430 : DTZ-24D

DT430 : DTZ-8LD

UNIVERGE® DESKTOP IP TERMINALS

DT830 : ITZ-12D
DT830G : ITZ-12DG

DT830 : ITZ-24D

DT830 : ITZ-8LD (DESI-less)

DT830CG : ITZ-12CG

DT430/DT830 OPTIONS

12-line Key Module
12LK
(For ITZ-12DG & ITZ-12CG)

8-line Key Module
8LK

60-line DSS Console
DCZ-60-2P

DT430/DT830 + 8-line Key Module

DT430/DT830 + 60-line DSS Console

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The right phones for every work situation

DT800/DT400 Series Technical Data

		DT800 Series Desktop IP			DT400 Series Desktop Digital	
Features		ITZ-12D ITZ-24D	ITZ-12DG ITZ-12DG+12LK ITZ-8LDG (DESI-less)	ITZ-12CG ITZ-12CG +12LK	DTZ-12D DTZ-24D DTZ-8LD (DESI-less)	DTZ-2E DTZ-6DE
LCD Display	Resolution	Gray Scale (8 Scales) 224 x 96 Pixel Size	Gray Scale (8 Scales) 224 x 96 Pixel Size (ITZ-8LDG : 2 Displays)	24-bit Color (16,777,216 Color) 480 x 272 Pixel Size	Gray Scale 165 x 58 Pixel Size (DTZ-8LDG : 2 Displays)	2E: N/A 6DE: Without Backlit
	Dimension	92 x 56,5 mm 3.8 inch FSTN	92 x 56,5 mm 3.8 inch FSTN	105, 5x 67,2 mm 4.3 inch FSTN	92 x 56,5 mm 3.8 inch FSTN	6DE: 24x3 Lines, 92 x 35 mm
	Tiltable	Yes			Yes	Fixed
Keypad	Fixed Feature Key	9 Keys (with Menu Button and Cursor Key)				11 Keys
	Backlit Keypad	Yes (Orange): Digit Key (Lit for 10 Seconds when Operating)			Yes (Orange) Digit Key (Lit for 10 Seconds when Operating)	6DE: Yes (Orange) Digit Key (Lit for 10 Seconds when Operating)
	Line Keys	12, 24, 32 (LED: Red, Green) Amber color LED for BHA-Z Function	12,24,32 with LED (LED: Red, Green) Amber color LED for BHA-Z Function DESI-less: 8x4 Pages (LED: Red, Green)	12,24,32 with LED (LED: Red, Green) Amber color LED for BHA-Z Function	12, 24, 32 with LED (LED: Red, Green) DESI-less: 8x4 Pages (LED: Red, Green)	2,6
	Softkeys	4, Help, Exit	4, Help, Exit	4, Help, Exit	4, Help, Exit	2E: N/A 6DE: 4, Help, Exit
	Cursor Keys	Navigation cursor & Directory dial key				Up / Down Keys
Incoming Call Lamp / Message Waiting Lamp	Colors	7 Colors (Red, Green, Blue, Yellow, Purple, Aqua, White)...User Definable			3 Colors (Red, Green Yellow)	
Network	LAN	2-Port, 10BASET/ 100BASE-TX, Full- Duplex/ Half-Duplex, Auto Negotiation/ Fixed	2-Port, 10BASET/ 100BASETX/ 1000BASE-T, Full- Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)	2-Port, 10BASET/ 100BASETX/ 1000BASE-T, Full- Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)	RJ9: Digital Connection to Switch	
	IP Addressing	Sets via DHCP Server/Sets Statically			N/A	N/A
	QoS	ToS (IP Precedence, Diffserv)			N/A	N/A
	VLAN	Tag VLAN (IEEE802.1Q/p)			N/A	N/A
	Security	802.1x: IEEE802.1x Authentication (EAP-MD5, EAPOL Forwarding), SIP & RTP Encryption			N/A	N/A
Physical Port	XML Open Interface	Yes	Yes	Yes	N/A	N/A
	Personal Directory	Yes	Yes	Yes	N/A	N/A
	System Directory	Yes: 500 Records (Switch dependent)				
	Call History	Yes: Outgoing Call - 50 Records, Incoming Call - 50 Records (Switch Dependent)			Yes (Switch Dependant)	Yes (Last Number)
Sound	Full Duplex Hands-Free	Yes	Yes	Yes	Yes	No – Half Duplex
	Downloadable Ring Tone	Yes	Yes	Yes	N/A	N/A
	Hold Music	Yes	Yes	Yes	N/A	N/A
	CODEC	G.711 (μ-law, A-law), G.729A, G.722 (Wideband)			N/A	N/A

Features		DT800 Series Desktop IP			DT400 Series Desktop Digital	
		ITZ-12D ITZ-24D	ITZ-12DG ITZ-12DG+12LK ITZ-8LDG (DESI-less)	ITZ-12CG ITZ-12CG +12LK	DTZ-12D DTZ-24D DTZ-8LD (DESI-less)	DTZ-2E DTZ-6DE
Optional Handsets, Adapters & Headsets (Availability May Be Server Dependent)	Bluetooth Adapter (BCA-Z)	Yes	Yes	Yes	N/A	N/A
	Gigabit Ethernet	No	Yes	Yes	N/A	N/A
	Recording Adapter	Optional Support	Optional Support	Optional Support	Yes	N/A
	PSTN Survivable Handset	Optional Support	Optional Support	Optional Support	Yes	N/A
	Analog Port Adapter w/ Ringer	N/A	N/A	N/A	Yes	N/A
	Wired Headset	Yes	Yes	Yes	Yes	N/A
	Electronic Hook Switch (EHS)	Yes	Yes	Yes	Yes	N/A
Maintenanace	Auto- Configuration	Yes	Yes	Yes	N/A	N/A
	Network Management	Yes	Yes	Yes	N/A	N/A
Characteristics	Dimension (W"×D"×H")	12D/24D: 7.17"×10.16"×4.29", 182x258x109mm 32D (24D+8LK): 8.31"×10.16"×4.29", 211.07x258x109mm	7.17"×10.95"×4.29", 182x278x109mm (Excludes 32D) DESI-less: 182x272x109mm	7.17"×10.95"×4.29", 182x278x109mm	12D/24D: 7.17"×10.16"×4.29", 182x258x109mm 32D (24D+8LK): 8.31"×10.16"×4.29", 211.07x258x109mm DESI-less: 7.17×10.71"×4.29", 182x272x109mm	2DE: 7.17"×8.86"×4.29", 182x225x109mm 6DE: 7.17"×8.86"×4.29", 182x225x109mm
	Weight (Approx. Lbs. and kg.)	12D/24D: 2.65lbs., 1.2kg [32D (24D+8LK) Not Included]	12D/24D: 2.65lbs., 1.2kg [32D (24D+8LK) Not Included] DESI-less: 2.87lbs, 1.3kg	12D/24D: 2.87lbs., 1.3kg [32D (24D+8LK) Not Included]	12D/24D: 2.65lbs, 1.2kg [32D (24D+8LK) Not Included] DESI-less: 2.87lbs, 1.3kg	2D: 2.43lbs., 1.1kg 6D: 2.43lbs., 1.1kg
	PoE (Without Options)	IEEE802.3at Type1 Class2 (below 6.49W)	IEEE802.3at Type3 (below 6.49W)	IEEE802.3at Type3 (below 6.49W)	12D/24D: Approx. 2.0W Without Options DESI-Less: Approx. 2.2W Without Options	Approx 1.1W (for W/ LCD type), 1.0W (For w/o LCD)
	Power Options	PoE or Central Power Supply =AC adapter (AC-L UNIT: optional) 27V 1A			Provided by Voice Switch or AC Adapter (AC-L UNIT: optional) 27V 1A (Option)	
	Terminal Color	Black/White	Black	Black	Black/White	Black
Standards	Electrical	FCC Part 15 Class B, FCC Part 68				
	ROHS	All Models are ROHS Compliant				
	Safety	UL/CSA 60950				
Environmental	Operating Conditions	Temperature Range: 0 to 40° C, Humidity: 10 to 90% RH (Not Condensing)				
	Storage	Ambient Temperature Range: -20 to 60° C, Ambient Humidity: 10 to 90% RH				
Security	802.1x	E802.1x Authentication (EAP-MD5, EAPOL Forwarding), SIP&RTP Encryption			N/A	N/A

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