

# DT500-DT900 BUSINESS PHONES

## MULTIFUNCTION DESKTOP PHONES



With NEC's innovative desktop telephones, you can increase feature functionality through applications support and personalisation of each phone. With NEC telephones you can choose from a wide assortment the telephone that best fits the individual's role. Whether your business communications are pure IP or any combination of IP and digital.



### MULTICOLOUR MWI LAMP

7-Colour customisable message-waiting indicator.



### DIRECTORIES

Quickly look up contacts in the directory by using the alphabetic keyboard.



### HD AUDIO QUALITY

Both speakerphone and handset offer super wideband technology for superior HD audio quality.



### ADJUSTABLE STAND

5 adjustments - Built-in wall mount.



### HIGH-QUALITY HANDSET

The slim line handset increases the conversation comfort.



### INTUITIVE & INTERACTIVE NAVIGATION

All models offer intuitive and interactive navigation of the NEC expert communication features. Interactive keys or touch: The choice is yours.



### HOTDESKING

Allows handsets and desk space to be shared by a number of employees, helping keep costs down.



### SECURITY

TLS and SRTP security encryption technology to protect calls and accounts.



### BUILT-IN PoE

To power the device and give it a network connection.



### FLEXIBILITY WITH ADD-ON MODULES

Add functions and direct-dial buttons. 8 or 60 additional line keys turning your phone into a switchboard.



# DT500-DT900 DESKTOP PHONES

## DT900 IP DESKTOP PHONES

Features	Model	DT920 <sup>1</sup> ITK-6D-1P(BK)TEL ITK-6DG-1P(BK)TEL	DT920 <sup>1</sup> ITK-12D-1P(BK)TEL ITK-12DG-1P(BK)TEL	DT920 <sup>1</sup> ITK-8LCX-1P(BK)TEL ITK-32LCG-1P(BK)TEL
<b>Characteristics</b>	Version	6 button	12 button	Self-labelling
	Colour	Black		
	Dimensions (W×H×D) mm	181x243x133 mm		
	Weight (kg)	0.9 kg		1.0 kg
	Power Feeding	PoE Class 1(3.6W)	PoE Class 1(3.7W)	PoE Class 1(3.75W)
<b>Adjustable stand</b>	Tilt Angle	5 Steps (25°, 32°, 39°, 46°, 55°)		
<b>LCD Display</b>	LCD	Monochrome 168x41 (dots)		3.5" Colour Resolution 320x240
	LCD Backlit	✔		
	Home Screen UI	Classic		Classic & Portal <sup>2</sup>
	Wallpaper	No		✔
	Custom colour font	No		✔
	Screen Saver	✔		
	Turn Off Display	No		✔
<b>Keys</b>	Security Lock	No		
	Ten Key Backlit	No		
	Soft Key	✔ (4 keys)		
	Programmable Key	6	12	8
<b>XML browser (XML Open interface)</b>	Cursor Key	✔		
	Display Text and Image	✔		
	LED Control	✔		
	Photo Frame	No		✔
	Push	✔		
<b>Incoming Call Lamp</b>	RTP Streaming	✔		
	Incoming LED	Standard Size, 7 Colours (Red, Green, Blue, Yellow, Cyan, Magenta, White)		Wide Size, 7 Colours (Red, Green, Blue, Yellow, Cyan, Magenta, White)
<b>Network</b>	LAN	2-Port, 10BASE-T/100BASE-TX/1000BASE-T, Full-Duplex/Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)		
	IP Addressing	Sets via DHCP Server/Sets Statically		
	QoS	ToS (IP Precedence, Diffserv)		
	Support IP Version	IPv4		
	DHCP	✔		
	Tag VLAN	✔		
	PC port VLAN	✔		
	VPN	✔ (L2TP/IPsec)		
	802.1X	EAP-TLS/EAP-MD5		
	Security	SIP/RTP encryption		
	LAN Port Speed	10/100/1000 Mbps		
	PC Port Speed	10/100/1000 Mbps		
	<b>Connections</b>	Bottom Option	No	
Side Option		No		
Headset Jack		✔ (RJ9)		
<b>Physical Port</b>	Personal Directory	No		✔
	System Directory	✔ (switch dependent)		
	Call History	✔ (switch dependent)		✔ (switch & local)
<b>Sound</b>	Download Ringtone	No		✔
	Handset	Wide Band (inc. G722 CODEC)		
	Handsfree	Full Duplex		
	Hold Music	✔		
<b>Optional Handsets, Adapters &amp; Headsets</b> (Availability may be switch dependent)	Gigabit Ethernet	✔		
	Recording Adapter	No		
	Analogue Port Adapter w/ Ringer	No		
	Wired Headset	✔		
	Electronic Hook Switch (EHS)	✔		
<b>Maintenance</b>	Auto-Configuration	✔		
	Network Management	✔		
<b>Licence<sup>3</sup></b>	Line key Licences	No		✔
	GIG Licences	✔		
<b>Standards</b>	Electrical	EN 55032, EN 55024 Class B		
	ROHS	All Models are ROHS Compliant		
	Safety	EN 60950, EN 62368		
<b>Environmental</b>	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		

<sup>1</sup> The DT920 models and the DT930 Touch Panel phone are also available for 3C and SIP@Net.

<sup>2</sup> Portal is a full colour UI available with a white or black background for terminals using NEC SIP on SV platforms, it is not available in standard SIP on 3C and SIP@Net.

<sup>3</sup> Line key licences only applicable for ITK-8LCX-1P(BK)TEL & ITK-8TCGX-1P(BK)TEL. GIG licences only applicable for ITK-6D-1P(BK)TEL, ITK-12D-1P(BK)TEL & ITK-8LCX-1P(BK)TEL.

DT900 IP DESKTOP PHONES			DT500 DIGITAL DESKTOP PHONES			
Features	Model	DT930 ITK-24CG-1P(BK)TEL ITK-24CG-1P(WH)TEL	DT930 <sup>1</sup> ITK-8TCGX-1P(BK)TEL ITK-32TCG-1P(BK)TEL	DT510 DTK-6DE-1P(BK)TEL	DT530 DTK-12D-1P(BK)TEL DTK-12D-1P(WH)TEL	DT530 DTK-24D-1P(BK)TEL DTK-24D-1P(WH)TEL
<b>Characteristics</b>	Version	24 button	Touch Panel	6 button	12 button	24 button
	Colour	Black / White	Black	Black	Black / White	
	Dimensions (W×H×D) mm	181x254x152 mm	181x243x133 mm		181x244x143 mm	
	Weight (kg)	1 kg		0.9 kg	1 kg	
	Power Feeding	PoE Class 2 (5.7W)/ AC Adapter (Local Adapter)	PoE Class 2 (4.32W)/ AC Adapter (Local Adapter)	From Digital Ext Port		
<b>Adjustable stand</b>	Tilt Angle	5 Steps (25°, 32°, 39°, 46°, 55°)				
<b>LCD Display</b>	LCD	4.3" Colour Resolution: 480x272		Monochrome 168x41 (dots)	Monochrome 165x58 (dots)	
	LCD Backlit	✔		No	✔	
	Home Screen UI	Classic & Portal <sup>2</sup>	Portal <sup>2</sup>	Classic		
	Wallpaper	✔		No		
	Custom Colour Font	✔		No		
	Screen Saver	✔		No		
	Turn Off Display	✔		No		
	Security Lock	✔		No		
<b>Keys</b>	Ten Key Backlit	✔ (Orange)		No	✔ (Orange)	
	Soft Key	✔ (4 keys)	✔ (4 keys on Panel)	✔ (4 keys)		
	Programmable Key	24	8 (on Panel)	6	12	24
	Cursor Key	✔				
<b>XML browser (XML Open interface)<sup>4</sup></b>	Display Text and Image	✔		No		
	LED Control	✔		No		
	Photo Frame	✔		No		
	Push	✔		No		
	RTP Streaming	✔		No		
<b>Incoming Call Lamp</b>	Incoming LED	Wide Size, 7 Colours (Red, Green, Blue, Yellow, Cyan, Magenta, White)		Standard Size, 3 Colours (Red, Green, Yellow)	Wide Size, 7 Colours (Red, Green, Blue, Yellow, Cyan, Magenta, White)	
<b>Network</b>	LAN	2-Port, 10BASE-T/100BASE-TX/ 1000BASE-T, Full-Duplex/ Half-Duplex, Auto Negotiation/ Fixed (Except 1000BASE-T)		RJ11: Digital Connection to Switch		
	IP Addressing	Sets via DHCP Server/Sets Statically		No		
	QoS	ToS (IP Precedence, Diffserv)		No		
	Support IP Version	IPv4		No		
	DHCP	✔		No		
	Tag VLAN	✔		No		
	PC port VLAN	✔		No		
	VPN	✔ (L2TP/IPsec)		No		
	802.1X	EAP-TLS/EAP-MD5		No		
	Security	SIP/RTP encryption		No		
LAN Port Speed	10/100/1000 Mbps		No			
PC Port Speed	10/100/1000 Mbps		No			
<b>Connections</b>	Bottom Option	✔ (ADA/WFA)	No	No	✔ (ADA/WFA)	
	Side Option	✔ (8LK-K/DSS)	✔ (DSS)	No	✔ (8LK-K)	
	Headset Jack	✔ (RJ9)		No	✔ (RJ9)	
<b>Physical Port</b>	Personal Directory	✔		No		
	System Directory	✔ (switch dependent)				
	Call History	✔ (switch dependent)		✔ (last number)		
<b>Sound</b>	Download Ringtone	✔		No		
	Handset	Wide Band (inc. G722 CODEC)		Narrow Band		
	Handsfree	Full Duplex		Half Duplex	Full Duplex	
	Hold Music	✔				
<b>Optional Handsets, Adapters &amp; Headsets (Availability may be switch dependent)</b>	Gigabit Ethernet	✔		N/A		
	Recording Adapter	✔		No		
	Analogue Port Adapter w/ Ringer	No		✔		
	Wired Headset	✔		No	✔	
	Electronic Hook Switch (EHS)	✔		No	✔	
<b>Maintenance</b>	Auto-Configuration	✔		No		
	Network Management	✔		No		
<b>Licence</b>	Line key Licences	No	✔	No		
	GIG Licences	Built-in - no licence req.		No		
<b>Standards</b>	Electrical	EN 55032, EN55024 Class B + EN 55035 Class B for DT930 Touch		EN 55032 EN 55035 Class B	EN55032 EN 55024 Class B	
	ROHS	All Models are ROHS Compliant				
	Safety	EN 60950, EN 62368		EN 62368	EN 60950, EN 62368	
<b>Environmental</b>	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				

<sup>1</sup> The DT920 models and the DT930 Touch Panel phone are also available for 3C and SIP@Net.

<sup>2</sup> Portal is a full colour UI available with a white or black background for terminals using NEC SIP on SV platforms, it is not available in standard SIP on 3C and SIP@Net.

<sup>4</sup> DT930 Std-SIP Touch Screen and DT920 Std-SIP Self labelling XML Push is not supported.



**DT500 SERIES DIGITAL**



**DT510 - 6-button**  
DTK-6DE-1P(BK)TEL



**DT530 - 12-button**  
DTK-12D-1P(BK)TEL / DTK-12D-1P(WH)TEL



**DT530 - 24-button**  
DTK-24D-1P(BK)TEL / DTK-24D-1P(WH)TEL

**DT900 SERIES IP**



**DT920 - 6-button**  
ITK-6D-1P(BK)TEL / ITK-6DG-1P(BK)TEL



**DT920 - 12-button**  
ITK-12D-1P(BK)TEL / ITK-12DG-1P(BK)TEL



**DT920 - Self-labelling**  
ITK-8LCX-1P(BK)TEL / TK-32LCG-1P(BK)TEL



**DT930 - Touch Panel**  
ITK-8TCGX-1P(BK)TEL / ITK-32TCG-1P(BK)TEL



**DT930 - 24-button**  
ITK-24CG-1P(BK)TEL / ITK-24CG-1P(WH)TEL

The DT920 models and the DT930 Touch Panel phone are also available for 3C and SIP@Net using Std-SIP firmware.

**DT900 SERIES KEY EXTENSION MODULES**



**8-line Key Module**  
8LK-KP(BK) UNIT / 8LK-KP(WK) UNIT  
Not available in STD-SIP



**60-line DSS Console**  
DCK-60-1P(BK) CONSOLE / DCK-60-1P(WK) CONSOLE



**DT930 + 60-line DSS Console**

NEC and the NEC logo are trademarks or registered trademarks of NEC Corporation that may be registered in Japan and other jurisdictions. All trademarks identified with © or TM are registered trademarks or trademarks of their respective owners. Models may vary for each country, and due to continuous improvements this specification is subject to change without notice. Please refer to your local NEC representative(s) for further details.

**Corporate Headquarters(Japan)**  
NEC Corporation  
[www.nec.com/univerge](http://www.nec.com/univerge)

For further information please contact NEC Corporation or: