

Orchestrating a brighter world

NEC

GT890 IP Desktop Video Telephone



Powerful IP desktop video telephone that provides the flexibility and advanced capabilities to meet the needs of today's workforce.



At a Glance

- Innovative desktop telephone with a full seven-inch (1024x600) capacitive five-finger multi-touch display
- Built-in mega-pixel camera with privacy shutter for video calling/conferencing
- 7-way audio conferencing and 3-way HD video conferencing capability
- Supports 16 lines with up to 16 SIP accounts
- Built-in Bluetooth® for syncing mobile devices' contact lists and call history
- Wi-Fi support enables wireless connection to the network for placement flexibility and Hot Spotting
- Built-in PoE/PoE+ to power the device and provide network connectivity
- Speakerphone with HD acoustic chamber, advanced echo cancellation and excellent double-talk performance
- TLS and SRTP security encryption technology to protect calls and accounts

Overview

Technology is evolving at a faster pace than ever before. To keep up, desktop telephones need to meet the ever-changing communication demands of today's workforce. With NEC's GT890 IP Desktop Video Telephone, it gives you the flexibility and advanced capabilities to meet your needs today and into the future.

The GT890 is a powerful desktop video phone for businesses of all sizes. From its full 7-inch multi-touch display, advanced mega pixel camera for high-definition (HD) video conferencing, built-in Wi-Fi and Bluetooth, Gigabit network speed and innovative telephony functionalities, to its Android™-based operating system and open interface for custom application development, it offers you investment protection for many years to come.

The GT890 is fully interoperable with NEC's UNIVERGE 3C communications platform and can be seamlessly integrated with SIP-based security cameras, door systems, and video conferencing systems and services. This video phone is the perfect choice for users looking for an integrated video communications solution for their desktop.

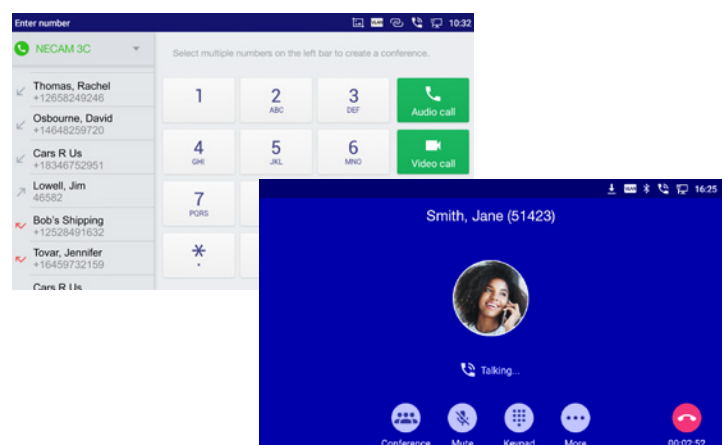
Solution

Enhanced User Experience

The GT890's user interface is so intuitive that little to no training is required. It's as easy as or even simpler than using a smartphone. The icons are easily recognizable and provide quick access to the features and functionalities available.

Just by lifting the handset, the built-in Dialer automatically displays. The keys are large and easily readable – making it almost impossible to hit the wrong key when entering the phone number you wish to call. Once number is entered, it gives you the option of making an "Audio Call" or "Video Call" with the touch of a button or the choice of escalation from audio to video during a call as well. Want to change from the handset to the speaker, again, simple tap of the "Media" button. The Dialer screen even gives you access to a keyboard to enter a new contact in your directory.

Once on a call, there is one-touch access to conference in others, mute the line, pull up the keypad and more.

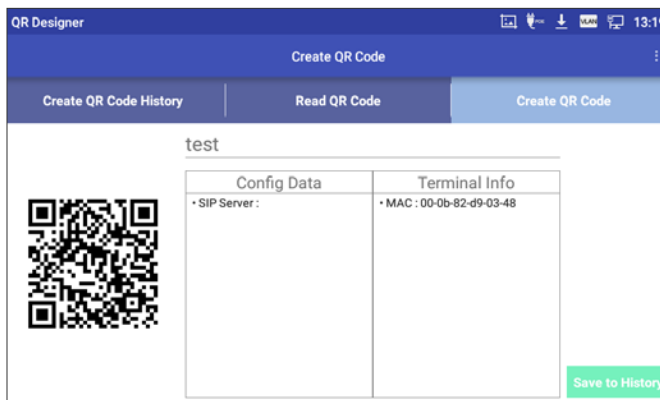




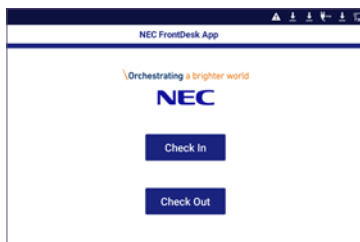
Installation and Configuration Made Easy

The GT890 is easy to install and configuring it is as simple as using a QR Code on your smartphone. It comes preloaded with the QR Code application that allows the administrator to select the configuration data that needs to be applied to other GT890 phones. Once appropriate data is selected, by touching the "Create" button, it generates a QR code and it is saved in the history. The QR Code can then be emailed to a smartphone for use.

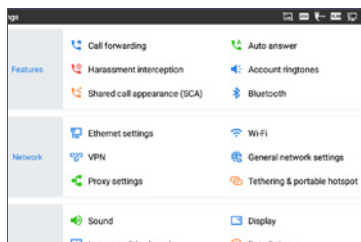
To configure another GT890 telephone, simply access the QR Code app, go to the "Read QR Code" screen, have it read the code on the smartphone and voila, the telephone is configured to the programmed settings.



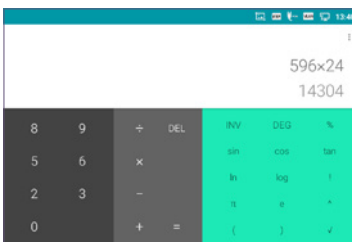
Other Features



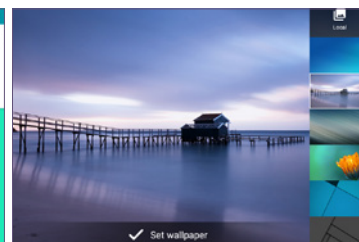
**Front Desk Assistant:
Visitor Management App**



Easy Access to Settings



Built-in Calculator App



Customize Wallpaper & Screensaver

User Experience Taken to a New Level

With its intuitive interface and capacitive five-finger multi-touch display, it takes the user's experience to a new level.

Built-in Wi-Fi
Integrated dual-band
Wi-Fi (2.4GHz & 5GHz)

HD Audio
HD handset and
speakerphone with support
for wideband audio

Built-in Bluetooth
For syncing with mobile devices &
connecting Bluetooth headsets



Camera
Tilttable mega-pixel CMOS
Camera with privacy shutter

Incoming Call Lamp
Red & Green

Brilliant Display
7-inch capacitive
5-finger multi-touch

Main Menu Screen
Easy access to Dialer,
Voicemail, Camera, Calculator,
Apps & more

Available Side Ports
HDMI, SD Card,
Headset & USB Ports

Power over Ethernet
Built-in PoE/PoE+ for power &
network connection

Menu Bar
Easy access to Volume control,
Home, Settings Menu & Back tabs

GT890 IP Desktop Video Telephone Product Specifications	
Feature	Contents
Network Interface	Dual switched 10/100/1000 Mbps ports with integrated PoE/PoE+
Display	7-inch 1024x600 TFT LCD with backlight
Touch Screen	Capacitive (5 points) Multi-Touch
Camera	Tiltable mega-pixel CMOS camera with privacy shutter 720p@30fps
Incoming Call Lamp	2 colors (Red, Green)
Bluetooth	Bluetooth 4.0+EDR
Wi-Fi	Dual-Band 2.4G & 5G, IEEE802.11a/b/g/n
Handset	HD Wideband, HAC, RJ9 Handset Jack
Auxiliary Ports	
Headset	RJ9 Headset Jack (allowing EHS with Plantronics Headsets)
3.5mm headset port	Stereo headset with microphone
SD Card I/F	SD Card version 3.0 (UHS, Grade 0)
USB	USB 2.0 Type A x 1 port
HDMI	1 port Standard HDMI output interface (1.4 up to 720p @ 30fps)
DC Jack	Polarity indication
HD (Wide-band) Audio	Both handset and speakerphone support
Feature Keys	2 function touch keys VOLUME +/-, 3 dedicated Android touch keys: HOME, MENU, and BACK
Power & Green Energy Efficiency	Integrated PoE* 802.3af Class 3, POE+ 802.3at Class 4 *When using with USB devices, must use PSU or PoE+ to power up phone. For other uses, PoE is enough. Universal power adapter NOT included: Input 12VDC, 1.5A (18W), Center +
Dimension	W 252 x D 211 x H 84 mm
Weight	Packing 1.73kg; Product 1.17kg
Body Color	Black
Base Stand	Flexible adjustable stand
Wall mount	Applicable
Temperature and Humidity	Operation : 0°C to 40°C; Storage: -10°C to 60°C; Humidity : 10% to 90% Non-condensing
Communications Platform Compatibility	UNIVERGE 3C

GT890 IP Desktop Video Telephone Software Specifications		
Applications Deployment	Allows Android 7.0 compliant applications to be developed, downloaded and run in the embedded device with provisioning control	
Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®	
Voice Codecs	G.711µ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.729A/B in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS	
Video Codec and Capabilities	H.264 BP/MP/HP, video resolution up to 720p, frame rate up to 30 fps, bit rate up to 2Mbps, 3-way video conference (720p@30fps), anti-flickering, auto focus and auto exposure	
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 7-way audio conference (including the host), shared-call-appearance (SCA) / bridged-line-appearance (BLA), virtual MPK, downloadable contacts (XML, LDAP, up to 1000 items), call record, call log (up to 1000 records), call waiting, auto answer, XML customization of screen, click-to-dial, flexible dial plan, hot desking, personalized music ringtones and music on hold, server redundancy & fail-over	
Quality of Service (QoS)	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS	
Security	User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control	
Multi-Language	System	Arabic, Catalan, Croatian, Danish, Dutch, English, French, German, Greek, Hebrew, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, simplified and traditional Chinese, Spanish, Swedish, Turkish, Ukrainian
	Dialer	Arabic, Dutch, English, French, German, Hebrew, Italian, Japanese, Korean, Polish, Portuguese, Russian, simplified and traditional Chinese, Spanish, Swedish, Turkish, Ukrainian
	Keyboard	Arabic, Dutch, Croatian, Danish, English, French, German, Greek, Hebrew, Italian, Japanese, Norwegian, Polish, Portuguese, Ukrainian, Romanian, Russian, simplified Chinese, Spanish, Swedish, Turkish, Ukrainian
	Web GUI	English, simplified Chinese
Upgrade / Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS, AES encrypted files with XML configuration support	

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