

# GT890 VIDEO PHONE

## INTEGRATED VIDEO COMMUNICATIONS SOLUTION

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



16 LINES WITH UP TO  
16 SIP ACCOUNTS



BUILT-IN MEGA-PIXEL CAMERA FOR VIDEO  
CALLING WITH PRIVACY SHUTTER



RUNS ON ANDROID 7.0  
OPERATING SYSTEM



BUILT-IN BLUETOOTH FOR SYNCING  
WITH MOBILE DEVICES AND BT HEADSETS



DUAL-SWITCHED AUTO-SENSING  
10/100/1000MBPS NETWORK PORTS



INTEGRATED DUAL-BAND WI-FI  
(2.4GHZ & 5GHZ)



BUILT-IN POE/POE+ FOR POWER AND  
NETWORK CONNECTIVITY



SPEAKER WITH HD ACOUSTIC CHAMBER, ECHO  
CANCELLATION & DOUBLE-TALK PERFORMANCE



4-CORE 1.3GHZ ARM CORTEX A53 PROCESSOR  
WITH 2GB RAM AND 8GB EMMC FLASH



CAPACITIVE 5-POINT TOUCH SCREEN  
TFT LCD - 7" (1024x600)



TLS AND SRTP SECURITY ENCRYPTION  
TECHNOLOGY ACCOUNTS



7-WAY AUDIO CONFERENCING & 3-WAY  
720P 30FPS HD VIDEO CONFERENCING

# GT890 VIDEO PHONE

## ENHANCED USER EXPERIENCE

The GT890's user interface is so intuitive that little to no training is required. The icons are easily recognizable and provide quick access to the available features and functions. Just lifting the handset, automatically displays the built-in Dialer. The keys are large and easily readable - so less chance of mistakes. Once a number is entered, you can choose to make an "Audio Call" or "Video Call" or, during a call, switch from auto to video. Change from handset to speaker with a simple tap of the "Media" button. The Dialer screen also gives 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 comes preloaded with the QR Code application that allows the administrator to select required configuration data to be applied to other GT890 phones.

## AT A GLANCE

- > Full 7-inch (1024x600) capacitive five-finger multi-touch display
- > Built-in advanced mega-pixel camera with privacy shutter for HD video calling/conferencing
- > 7-way audio- 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
- > Gigabit network speed and innovative telephony functionalities Android™-based operating system
- > Open interface for custom application development
- > Wi-Fi support enables wireless network connection for placement flexibility and Hot Spotting
- > Built-in PoE/PoE+ for power and network connectivity
- > Speakerphone with HD acoustic chamber, advanced echo cancellation and excellent double-talk performance
- > TLS and SRTP

## NEW LEVEL OF USER EXPERIENCE

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



**POPULAR USER ENVIRONMENTS**

GT890 offers an all-in-one communications hub by combining an IP phone with a multi-platform video calling solution and the functionality of an Android tablet.



Reception/Front Office



Office Administration



Sales Teams



Executives



Healthcare



Customer Services



Contact Center



Legal Industry

**NEC APP STORE**

NEC's App Store makes it possible to access a full range of applications for use on the GT890. With one simple touch of NEC's Marketplace icon your desktop telephone opens the door for immediate access.

**3 DISTINCTIVE APP CATEGORIES:**

> **General Market Apps**

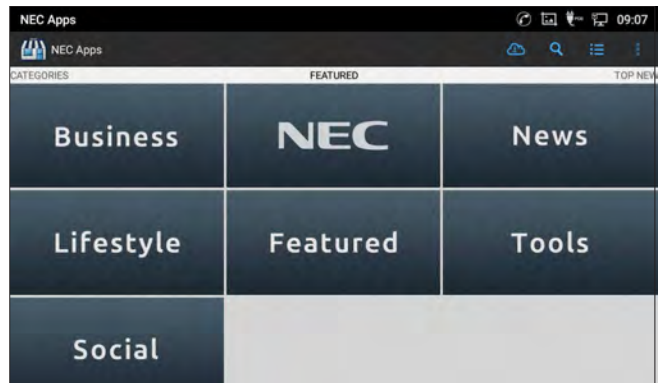
Offering basic business tools and utilities along with communications and entertainment apps

> **NEC Applications**

Include productivity and efficiency-enhancing apps offered such as the Front Desk Assistant, UC Client and other NEC specific Android™ apps capable of running on the GT890

> **Solutions Integrator Hosted Apps**

Specially developed NEC Apps - some industry specific - along with some third party developed apps





## GT890 PRODUCT SPECIFICATIONS

<b>Network Interface</b>	Dual switched 10/100/1000 Mbps ports with integrated PoE/PoE+	<b>Bluetooth</b>	Bluetooth 4.0+EDR	
<b>Display</b>	7-inch 1024x600 TFT LCD with backlight	<b>Wi-Fi</b>	Dual-Band 2.4G & 5G, IEEE802.11a/b/g/n	
<b>Touch Screen</b>	Capacitive (5 points) Multi-Touch	<b>HD (Wide-band) Audio</b>	Both handset and speakerphone support	
<b>Camera</b>	Tiltable mega-pixel CMOS camera with privacy shutter 720p@30fps	<b>Feature Keys</b>	2 function touch keys VOLUME +/-, 3 dedicated Android touch keys: HOME, MENU, and BACK	
<b>Incoming Call Lamp</b>	2 colors (Red, Green)	<b>Power &amp; Green Energy Efficiency</b>	Integrated PoE <sup>1)</sup> 802.3af Class 3, POE+ 802.3at Class 4	
<b>Handset</b>	HD Wideband, HAC, RJ9 Handset Jack	<b>Dimensions</b>	W 252 x D 211 x H 84 mm	
<b>Auxiliary Ports</b>	<b>Headset</b>	RJ9 Headset Jack (allowing EHS with Plantronics headsets)	<b>Weight Packing</b>	1.73kg; Product 1.17kg
	<b>3.5 mm Headset</b>	Stereo headset with microphone	<b>Body Color</b>	Black
	<b>SD Card I/F</b>	SD Card version 3.0 (UHS, Grade 0)	<b>Base Stand</b>	Flexible adjustable stand
	<b>USB</b>	USB 2.0 Type A x 1 port	<b>Wall mount</b>	Applicable
	<b>HDMI</b>	1 port Standard HDMI output interface (1.4 up to 720p @30fps)	<b>Temperature and Humidity</b>	Operation: 0°C to 40°C; Humidity : 10% to 90% Non-condensing
	<b>DC Jack</b>	Polarity indication		
<b>Supported Platforms</b>	UNIVERGE SV9100, SV9300 & SV9500			

<sup>1)</sup> 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 +

## GT890 FEATURES

<b>Applications Deployment</b>	Allows Android 7.0 compliant applications to be developed, downloaded and run in the embedded device with provisioning control
<b>Protocols/Standards</b>	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 <sup>®</sup>
<b>Voice Codecs</b>	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, AJP, AGC, ANS
<b>Video Codec and Capabilities</b>	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
<b>Telephony Features</b>	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), 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
<b>Quality of Service (QoS)</b>	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
<b>Multi-Language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified & traditional Chinese, Korean, Japanese, Arabic, Dutch, Norwegian, Danish, Swedish, Greek, Turkish, Romanian, Polish, Catalan, Hebrew, Ukrainian
<b>Dialer</b>	English, German, Italian, French, Spanish, Portuguese, Russian, simplified and traditional Chinese, Korean, Japanese, Arabic, Dutch, Swedish, Turkish, Polish, Hebrew, Ukrainian
<b>Keyboard</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified Chinese, Japanese, Arabic, Dutch, Norwegian, Danish, Swedish, Greek, Turkish, Romanian, Polish, Hebrew, Ukrainian
<b>Web GUI</b>	English, simplified Chinese
<b>Upgrade / Provisioning</b>	Firmware upgrade via TFTP / HTTP / HTTPS, AES encrypted files with XML configuration support

Models may vary for each country, and due to continuous improvements this specification is subject to change without notice.

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