\Orchestrating a brighter world

NEC

GT890 IP Desktop Video Telephone

Integrated video communications solution

Powerful desktop video phone for businesses of all sizes

16 lines	Mega-pixel camera	Android 7.0	Bluetooth	Gigabit	WiFi
PoE/PoE+	Speakerphone	ARM Cortex Processor	Capacitive touch screen	TLS / SRTP	Audio/Video Conferencing

At a Glance

> 16 lines with up to 16 SIP accounts

> 4-core 1.3GHz ARM Cortex A53 processor (2GB RAM/8GB eMMC Flash)

> 7'' (1024×600) capacitive 5-point touch screen TFT LCD

> Advanced mega-pixel camera with privacy shutter for HD video calling/conferencing

> Android™-based operating system

> Audio conferencing (7-way) & HD video conferencing (3-way 720p 30fps)

> Bluetooth for syncing with mobile devices and connecting BT headset

> Dual-switched auto-sensing 10/100/1000Mbps network ports

> Gigabit network speed and innovative telephony functionalities

> Integrated dual-band WiFi (2.4GHz & 5GHz)

> Open interface for custom application development

> PoE/PoE+ to power the device and provide network connectivity

> Seamless integration with SIP-based security cameras, door systems, and video conferencing systems and services

> Speakerphone with HD acoustic chamber, advanced echo cancellation & excellent double-talk performance

> TLS and SRTP security encryption

> WiFi support enables wireless network connection

> Supported on UNIVERGE 3C

Installation and Configuration Made Easy

The GT890 is easy to install and configuring is as simple as using a QR Code on your smartphone. It comes preloaded with the QR Code application so administrators can select the required configuration data to be applied to other GT890 phones.

Once data is selected, by touching the "Create" button, a QR code is generated and saved. The QR Code can be emailed to a smartphone. To configure another GT890, simply access the QR Code app, go to the "Read QR Code" screen, and have it read the code on the smartphone.

Easy Configuration with QR code

A Powerful Desktop Video Phone

With the highly intuitive GT890's user interface you will enjoy using it from the first minute. The icons are easily recognizable and provide quick access to the available features and functionalities.

Just by lifting the handset, the built-in Dialler automatically displays. The keys are large and easily readable – so less chance of mistakes. Once 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 Dialler 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.

By lifting the handset, the built-in Dialler automatically displays

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

User Experience Taken to a New Level

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

Built-in WiFi
Integrated dual-band.
WiFi (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
Tiltable mega-pixel CMOS
Camera with privacy shutter

Incoming Call Lamp
Red & Green

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

Main Menu Screen
Easy access to Dialler,.
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

Other Features
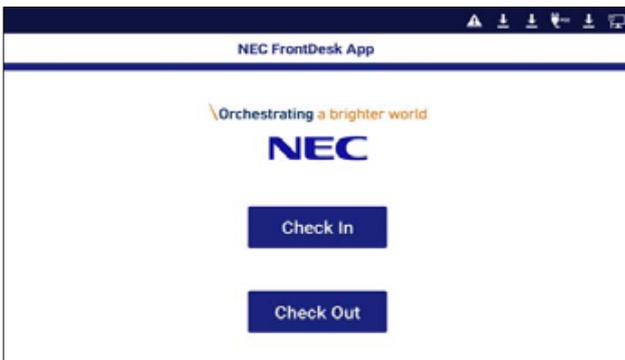
Front Desk Assistant Visitor Management App
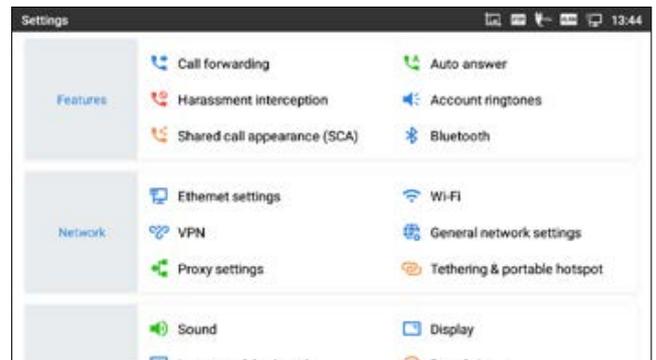
Easy Access to Settings
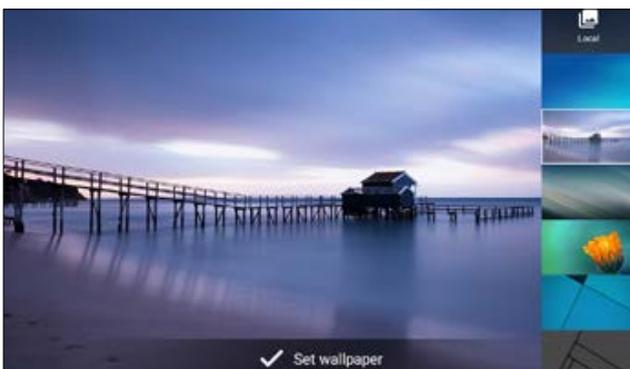
Customise Wallpaper & Screensaver

Built-in Calculator App

Feature	GT890 Product Specifications
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 colours (Red, Green)
Handset	HD Wideband, HAC, RJ9 Handset Jack
Auxiliary Ports — Headset	RJ9 Headset Jack (allowing EHS with Plantronics headsets)
Auxiliary Ports — 3.5 mm Headset	Stereo headset with microphone
Auxiliary Ports — SD Card I/F	SD Card version 3.0 (UHS, Grade 0)
Auxiliary Ports — USB	USB 2.0 Type A x 1 port
Auxiliary Ports — HDMI	1 port Standard HDMI output interface (1.4 up to 720p @30fps)
Auxiliary Ports — DC Jack	Polarity indication
Supported Platforms	UNIVERGE 3C

Feature	GT890 Product Specifications
Bluetooth	Bluetooth 4.0+EDR
WiFi	Dual-Band 2.4G & 5G, IEEE802.11a/b/g/n
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[1] 802.3af Class 3, POE+ 802.3at Class 4
Dimensions	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; Humidity : 10% to 90% Non-condensing

[1] When using with USB devices, PSU or PoE+ required to power up phone. For other uses, PoE is enough. Universal power adapter NOT included: Input 12VDC, 1.5A (18W), Center +

Feature	GT890 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
QoS (Quality of Service)	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
System Languages	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese, Arabic, Dutch, Norwegian, Danish, Swedish, Greek, Turkish, Romanian, Polish, Catalan, Hebrew, Ukrainian
Dialler Languages	English, German, Italian, French, Spanish, Portuguese, Russian, simplified and traditional Chinese, Korean, Japanese, Arabic, Dutch, Swedish, Turkish, Polish, Hebrew, Ukrainian
Keyboard Languages	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified Chinese, Japanese, Arabic, Dutch, Norwegian, Danish, Swedish, Greek, Turkish, Romanian, Polish, Hebrew, Ukrainian
Web GUI Languages	English, simplified Chinese
Upgrade / Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS, AES encrypted files with XML configuration support

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

For further information please contact NEC EMEA or: