

Grandstream WP822 Cordless Wi-Fi IP Phone



Product Name: Grandstream WP822 Cordless Wi-Fi IP Phone

Manufacturer: Grandstream Model Number: WP822

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The Grandstream WP822 is a business-grade portable Wi-Fi IP phone that offers seamless roaming and advanced features to suit a variety of businesses, enterprises and vertical market applications including retail, logistics, healthcare, education and security. Grandstream WP822 Key Features:

� Dual-band 802.11ac Wi-Fi with advanced antenna design and roaming support

� 2 SIP accounts, 2 lines

� HD voice & dual MIC design with advanced Acoustic Echo Cancellation and Noise Shield Technology

าั¿½ Rechargeable 2000mAh battery, 8-hour talk time, 200-hour standby

آذِ 1/2 Integrated Bluetooth for pairing headsets

� 4-inch (240x320) TFT colour LCD

าั¿½ Supports popular voice codecs including wide-band Opus, G.722, G.711, G.729A/B, iLBC, etc.

T¿½ Supports WMM (Wi-Fi Multimedia) and smart QoS to ensure smooth roaming with the highest possible sustained quality of latency-sensitive voice/video communications

ī¿1/2 Configurable button for push-to-talk, panic call and other functions

าั¿1/2 Micro USB port and 3.5mm headset jack

The Grandstream WP822 Cordless Wi-Fi IP Phone is ideal for mobile IP telephony and roaming throughout any facility with Wi-Fi coverage. It provides integrated dual-band 802.11ac Wi-Fi with an advanced antenna design to support seamless roaming. By adding 8-hour talk time thanks to a rechargeable battery, HD voice with dual-MICs, integrated Bluetooth and a configurable push-to-talk button for instant communication, the WP822 comes equipped with a combination of features, mobility, scalability and durability to suit all portable telephony needs.

The WP822 can be paired with Grandstream's other Wi-Fi solutions to build comprehensive Wi-Fi communication networks. These solutions include the GWN series of Wi-Fi APs and free management platforms, GRP series Carrier-Grade IP phones (models with integrated Wi-Fi), GXV series IP Video Phones for Android™, GVC3220 and GVC3210 Video Conferencing devices, Grandstream Wave app, GSC3570 Facility Management Control Station, GSC3510/3505 Intercom/PA speakers and other WP series Cordless Wi-Fi IP phones. When combined with Grandstream's GDS3710 IP Video Door System, the WP822 supports real-time display of video streaming, 2-way full duplex audio intercom, and door control to offer a wireless facility access solution

Grandstream WP822 Technical Specification Protocol/Standards

� SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, 802.1x, TLS, SRTP, IPv6

Voice Codecs

T¿½ Support for G.711µ/a, G.729A/B, G.722 (wide-band), iLBC, Opus, in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS

WiFi

� Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz). 802.11r Supported



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(WPA2/WPA2-Enterprise).

WiFi Encryption

تزير WEP, WPA/WPA2, WPA Enterprise, WPA3, WPA3-Enterprise

Graphic

� 2.4 inch (240x320) TFT color LCD

Bluetooth

� Yes, integrated

Peripherals

T¿½ 3 soft keys, dial, hang-up, speakerphone, phonebook, backlit keypad, proximitysensor, vibration motor, volume button, navigation keys, and accelerometersupporting configurable gestures

Push-to-talk

� Customizable button for push-to-talk

Auxiliary Ports

ī¿½ 3.5 mm headset jack, Micro USB port for charging, dual-MIC, dual-color MWI LED

Telephony

� Hold, transfer, forward, 3-way audio conference, call waiting, call log (up to 100records), downloadable phonebook (XML, up to 500 items) off-hook auto dial, autoanswer, flexible dial plan, personalized music ringtones, server redundancy andfail-over, push to talk, LDAP

Security

� User and administrator level passwords, MD5 and MD5-sess based authentication,256-bit AES based secure configuration file, SRTP, TLS, 802.1x media access control

HD Audio

ī¿½ Yes, both on handset and speakerphone with support for wideband audio, HACsupported

QoS

ī¿½ 802.11e (WMM) and Layer 3 (ToS, DiffServ, MPLS) QoS

Multi-language

าั¿½ English, Chinese, German, French, Italian, Portuguese, Russian, Spanish, and more

Upgrade/ Provisioning

፲ $\rlap/2$ Firmware upgrade via TFTP/HTTP/HTTPS/FTP/FTPS, mass provisioning using encrypted XML configuration file, manual upload



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Power and Green Energy Efficiency

� Universal power adapter includedInput: 100-240VAC; Output: +5VDC, 1A (5W)2000mA Li-ion battery, 200h standby time and 8h talk time

Physical

ï¿1/2 Handset dimensions: 164.0 x 52.0 x 25.8mm

� Charger cradle dimensions: 77.9 x 81.2 x 38.2mm

ï¿1/2 Handset weight: 185.90g

� Handset package weight (not including QIG): 422.60g

Temperature and Humidity

ī¿½ Operating Temperature: 0ºC to 45ºC; Operating Humidity: 10-90% (non-condensing) Storage Temperature: -20ºC to 60ºC; Storage Humidity: 10-90% (non-condensing)

Package Contents

เช้น Handset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery,Quick Start Guide

Compliance

� FCC, CE, RCM, IC, UKCA

Price: £111.10

Options available for Grandstream WP822 Cordless Wi-Fi IP Phone :

Need Product Setup / Training / Support?

Required - 30 minutes (+£40.00), Required - 1 Hour (+£65.00), Not Required.