

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
- Rechargeable 2000mAh battery, 8-hour talk time, 200-hour standby
- Integrated Bluetooth for pairing headsets
- 4-inch (240x320) TFT colour LCD
- Supports popular voice codecs including wide-band Opus, G.722, G.711, G.729A/B, iLBC, etc.
- Supports WMM (Wi-Fi Multimedia) and smart QoS to ensure smooth roaming with the highest possible sustained quality of latency-sensitive voice/video communications
- Configurable button for push-to-talk, panic call and other functions
- 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

• Support for G.711µ/a, G.729A/B, G.722 (wide-band), iLBC, Opus, in-band and out-of-band 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

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

Graphic

Yes 2.4 inch (240x320) TFT color LCD

Bluetooth

Yes Yes, integrated

Peripherals

Yes 3 soft keys, dial, hang-up, speakerphone, phonebook, backlit keypad, proximity sensor, vibration motor, volume button, navigation keys, and accelerometers supporting configurable gestures

Push-to-talk

Yes Customizable button for push-to-talk

Auxiliary Ports

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

Telephony

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

Security

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

HD Audio

Yes Yes, both on handset and speakerphone with support for wideband audio, HAC supported

QoS

Yes 802.11e (WMM) and Layer 3 (ToS, DiffServ, MPLS) QoS

Multi-language

Yes English, Chinese, German, French, Italian, Portuguese, Russian, Spanish, and more

Upgrade/ Provisioning

Yes 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 included Input: 100-240VAC; Output: +5VDC, 1A (5W) 2000mA Li-ion battery, 200h standby time and 8h talk time

Physical

• Handset dimensions: 164.0 x 52.0 x 25.8mm

• Charger cradle dimensions: 77.9 x 81.2 x 38.2mm

• Handset weight: 185.90g

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

Temperature and Humidity

• Operating Temperature: 0°C to 45°C; Operating Humidity: 10-90% (non-condensing) Storage Temperature: -20°C to 60°C; Storage Humidity: 10-90% (non-condensing)

Package Contents

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