

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.711/µa, 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, AJP, 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

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

Graphic

✓ 2.4 inch (240x320) TFT color LCD

Bluetooth

✓ Yes, integrated

Peripherals

✓ 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

✓ Customizable button for push-to-talk

Auxiliary Ports

✓ 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 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

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

QoS

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

Multi-language

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

Upgrade/ Provisioning

✓ 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: £115.80

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

Need Product Setup / Training / Support?

Not Required, [Required - 30 minutes \(+£40.00\)](#), [Required - 1 Hour \(+£65.00\)](#).