

Grandstream WP820 Enterprise Portable WiFi Phone



Product Name: Grandstream WP820 Enterprise Portable WiFi Phone

Manufacturer: Grandstream

Model Number: WP820

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The Grandstream WP820 is a portable WiFi phone designed to suit a variety of enterprises and vertical market applications, including retail, logistics, medical and security. This powerful, portable WiFi phone comes equipped with integrated dual-band 802.11a/b/g/n WiFi support, advanced antenna design and roaming support, and integrated Bluetooth for pairing with headsets and mobile devices. By adding 7.5 hour talk time and HD voice with dual- MICs, the WP820 offers a powerful combination of features, mobility and durability to suit all portable telephony needs.

Grandstream WP820 Key Features

- 2 lines, 2 SIP accounts
- Dual-band WiFi with outstanding antenna design and advanced roaming support
- Bluetooth for syncing headsets and mobile devices
- HD voice and dual MIC design with AEC and noise shield technology
- Rechargeable battery with 7.5 hour talk time, 150-hours standby
- Speakerphone with HD acoustic chamber & echo cancellation
- Built-in push-to-talk and panic buttons
- Accelerometer and configurable button for push-to-talk, panic and other related functions
- Micro USB port and 3.5mm headset jack
- Supports custom Android apps that fit the phone's screen/keys

Grandstream WP820 Technical Specification Protocol/Standards

SIP RFC261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6

Voice Codecs

- Support for G.711, G.729A/B, G.722 (wide-band), iLBC, Opus, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)

Graphic

- 2.4 inch (240x320) TFT colour LCD

Peripherals

- 3 soft keys, dial, hangup, speakerphone, phonebook, backlit keypad, proximity sensor, accelerator, vibration motor, volume button and navigation keys

Push-to-talk

- Customisable button for push-to-talk, panic call and other related functions

Bluetooth

- Yes, Bluetooth v 4.0

Auxiliary Ports

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- 3.5mm headphone jack, Micro USB port for charging, dual MIC, dual colour LED

Operating System

- Android 7.0 supports custom Android apps that fit the phone's screen/ keyboard

Security

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

HD Audio

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

QoS

- Layer 2, (802.1Q, 802. 1p), 802.11e and Layer 3 (ToS, DiffServ, MPLS) QoS

Multi-language

- English, Arabic, Chinese, Czech, Dutch, German, Grench, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish and more

Upgrade/ Provisioning

- Firmware upgrade via TFTP.HTTP/HTTPS, mass provisioning using TR 069 or encrypted XML configuration file, manual upload, USB upgrade

Power and Green Energy Efficiency

- Universal Power Adapter included Input: 100-240VAC: Output +5VDC, 1A (5W), 1500mA Li-ion battery, 150h standby time and 7.5h talk time

Physical

- Headset dimensions: 168.5 x 52.5 x 21.8mm
- Charger cradle dimensions: 76 x 73 x 81mm
- Handset weight: 161g
- Handset w/package (not including QIG) weight: 456g

Package Contents

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

Durability

- Drop safe from 1.2-meter height

Compliance

- FCC, CE, RCM, EAC

Grandstream WP820 Enterprise Portable WiFi Phone

Price: £171.65

Options available for Grandstream WP820 Enterprise Portable WiFi Phone :

Grandstream WiFi Access Point Required?

[Grandstream Enterprise 802.11ac WiFi Access Point \(GWN7610\) \(+£76.00\)](#), [Not Required](#).

Grandstream IP Door Entry System Required?

[Grandstream GDS3710 IP Door Entry System \(+£277.90\)](#), [Not Required](#).

Grandstream IP Audio Door System Required?

[Not Required](#), [Grandstream IP Audio Door System GDS3705 \(+£253.00\)](#).

Grandstream Battery Charging Pack Required?

[Not Required](#), [Grandstream Battery Charging Pack \(GMC08\) \(+£116.00\)](#).