

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.

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

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 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

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Auxiliary Ports

• 1/2 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, French, 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: £144.40

Options available for Grandstream WP820 Enterprise Portable WiFi Phone :

Need Product Setup / Training / Support?

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

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).