

## Grandstream WP820 Enterprise Portable WiFi Phone



Product Name: Grandstream WP820 Enterprise Portable WiFi Phone

Manufacturer: Grandstream

Model Number: WP820

### Grandstream WP820 Enterprise Portable WiFi Phone

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

## Grandstream WP820 Enterprise Portable WiFi Phone

### Auxiliary Ports

• 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-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

• 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: £150.50**

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 \(GMC08\) \(+£116.00\)](#).