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

ï¿½ 2 lines, 2 SIP accounts
ï¿½ Dual-band WiFi with outstanding antenna design and advanced roaming support
ï¿½ Bluetooth for syncing headsets and mobile devices
ï¿½ HD voice and dual MIC design with AEC and noise shield technology
ï¿½ Rechargeable battery with 7.5 hour talk time, 150-hours standby
ï¿½ Speakerphone with HD acoustic chamber & echo cancellation
ï¿½ Built-in push-to-talk and panic buttons
ï¿½ Accelerometer and configurable button for push-to-talk, panic and other related functions
ï¿½ Micro USB port and 3.5mm headset jack
ï¿½ 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

ï¿½ SIP RFC261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTRI), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6

Voice Codecs

ï¿½ Support for G.711, G.729A/B, G.722 (wide-band), iLBC, Oupus, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)

Graphic

ï¿½ 2.4 inch (240x320) TFT colour LCD

Peripherals

ï¿½ 3 soft keys, dial, hangup, speakerphone, phonebook, backlit keypad, proximity sensor, accelerator, vibration motor, volume button and navigation keys

Push-to-talk

ï¿½ Customisable button for push-to-talk, panic call and other related functions

Bluetooth

ï¿½ Yes, Bluetooth v 4.0

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Auxiliary Ports

ï¿½ 3.5mm headphone jack, Micro USB port for charging, dual MIC, dual colour LED

Operating System

ï¿½ Android 7.0 supports custom Android apps that fit the phone's screen/ keyboard

Security

ï¿½ 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

ï¿½ Yes, both on handset and speakerphone with support for wideband audio, HAC supported

QoS

ï¿½ Layer 2, (802.1Q, 802. 1p), 802.11e and Layer 3 (ToS, DiffServ, MPLS) QoS

Multi-language

ï¿½ English, Arabic, Chinese, Czech, Dutch, German, Grench, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish and more

Upgrade/ Provisioning

ï¿½ 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

ï¿½ Universal Power Adapter included Input: 100-240VAC: Output +5VDC, 1A (5W), 1500mA Li-ion battery, 150h standby time and 7.5h talk time

Physical

ï¿½ Headset dimensions: 168.5 x 52.5 x 21.8mm
ï¿½ Charger cradle dimensions: 76 x 73 x 81mm
ï¿½ Handset weight: 161g
ï¿½ Handset w/package (not including QIG) weight: 456g

Package Contents

ï¿½ Headset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery, Quick Start Guide

Durability

ï¿½ Drop safe from 1.2-meter height

Compliance

ï¿½ 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).