Grandstream WP856 Wireless Smart Phone (WP856)

Product Name: Grandstream WP856 Wireless Smart Phone (WP856)
Manufacturer: Grandstream
Model Number: WP856

Grandstream WP856 Wi-Fi Smartphone
The Grandstream WP856 Wi-Fi Smartphone is a Wi-Fi smartphone with built-in scanner that provides a powerful communication and productivity solution for users on the go. The WP856 runs Android version 13 and is certified with Google Mobile Services, allowing it to provide an easy-to-use interface with access to millions of Android apps. This Wi-Fi smartphone supports integrated dual-band Wi-Fi 6 and offers an advanced antenna design and roaming support to ensure a reliable and stable connection in all environments. The WP856 has a built-in scanner for scanning 1D and 2D barcodes and supports near-field communication (NFC) to allow the device to exchange data with other NFC devices. It sports a 5.5 inch high-definition touch screen, provides extended talk-time of up to 20 hours, and supports Bluetooth 5.2 and Bluetooth Low Energy (BLE). Ideal for demanding environments, the WP856 is IP65-rated waterproof and dustproof while being drop-safe from a height of 1.5 meters. By providing mobile workers with top-notch voice quality along and instant access to real-time information, the WP856 provides an all-in-one solution that is ideal for enterprises, warehouses, logistics, retail, healthcare, and more.
Grandstream WP856 Key Features:

ï¿½ Built-in scanner for scanning 1D and 2D barcodes
ï¿½ Supports up to 6 SIP accounts and 6 lines
ï¿½ HD voice with advanced Acoustic Echo Cancellation & Noise Shield Technology
ï¿½ 5.5 inch HD multi-touch capacitive touch screen with 2.5D Corning 3rd generation glass
ï¿½ A rechargeable 5000mAh battery provides up to 20 hours talk-time and 200 hours standby, USB Type-C port, supports fast charging
ï¿½ Dual-band Wi-Fi 6 with an advanced antenna design and fast roaming support
ï¿½ IP65-rated waterproof and dustproof, drop-safe from up to 1.5 meter height
ï¿½ Runs Android version 13, certified with Google Mobile Services, access to Google Play Store, supports custom Android apps

The Grandstream WP856 provides the ideal solution for busy workers on-the-move. It combines calling, messaging, Android apps, a scanner, and a NFC device into a durable, lightweight device. The WP856 is easy to use and carry, making it the perfect companion for busy days.

The WP856 provides built-in alarms that allow the device to alert other users in emergency situations. Pressing a preset alarm button will alert other team members of duress. The WP856 can also recognize falls, running, no movement, and more, alert others accordingly in real-time.
 Grandstream WP856 Technical Specification

ï¿½ Processor: 2.2 G octa-core 64-bit processor
ï¿½ Operating System: Android 13 , Google Mobile Services certified
ï¿½ Memory: RAM: 4GB, ROM: 64GB
ï¿½ Interface: Type-C 2.0 OTG;, Support USB Type-C headset
ï¿½ Protocol/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS,ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH,TFTP, NTP, STUN, SIMPLE, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6
ï¿½ Wi-Fi: Dual-band (2.4GHz and 5GHz) Wi-Fi 6 (IEEE 802.11a/b/g/n/ac/ax), 2.4G supports 20/40MHz bandwidth, 5G supports 20/40/80/160MHz bandwidth
ï¿½ Voice Codecs and Capabilities: Support for G.711μ /a, 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,AJB,AGC, ANS
ï¿½ Video Codecs and Capabilities: H.264 BP/MP/HP, video resolution up to 1080p, frame rate up to 30 FPS, bit rate up to 20Mbps, 3-way video conference (1080p at 30 FPS), anti-flicker

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capability, auto focus and auto exposure

ï¿½ Customizable Function Keys: Customizable button for scan, push-to-talk, panic call, and other related functions

ï¿½ Bluetooth: Yes, Bluetooth 5.2, supports Bluetooth Low Engrgy (BLE)

ï¿½ Scanner: CMOS (≥5 mil) 1D: Code128, Code 49, Code 16K, (GS1128) UCC/EAN-128, AIM-128, EAN-8, EAN-13, UPC-E, UPC-A, ITF, ITF 6, ITF 14, Matrix 2 of 5, Industrial 25, Standard 2 of 5, Code39, ISSN, ISBN, CodaBar, Code93, Code 11, Plessey, MSI Plessey, RSS 2D: Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.

ï¿½ Near-Field Communication (NFC) 13.56MHz RFID ISO14443A/B, ISO15693,ISO18000-3, MIFARE, FeliCa RF, NFC Forum Type 1-4 Tag

ï¿½ Telephony Features: Hold, transfer, forward, 6-line audio conference, downloadable phonebook (XML, LDAP, up to 1000 items), call waiting, call log (up to 1000 records), off-hook auto dial, auto answer, click-to dial, flexible dial plan, hot desking, personalized music ring-tones and music on hold, server redundancy and fail-over, push-totalk

ï¿½ Security: User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES based secure configuration file, SRTP, TLS, HTTPS, 802.1x media access control

ï¿½ HD Audio: Yes, both on handset and speakerphone, supports wideband audio

ï¿½ QoS: 802.11e and Layer 3 (ToS, DiffServ, MPLS) QoS

ï¿½ Multi-language: English, Arabic, Chinese, Czech, Dutch, German, French, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish, and more

ï¿½ Upgrade/Provisioning: Firmware upgrade via HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file, manual upload

ï¿½ Display: 5.5 inch (1440x720) multi-point capacitive touch screen; Up to 450 NIT (brightness), display backlight adjusts automatically

ï¿½ Camera: Rear camera: 13MP, auto focus, with LED flashlight Front camera: 5MP, fixed focus

ï¿½ GPS: Supports GPS, Galilieo, and Beidou

ï¿½ SD Card: Supports Micro SD cards (up to 256GB)

ï¿½ AC Adapter: Quick charger (Output: 5V-3A/9V-2A/12V-1.5A Input: AC 100~240V, 50/60Hz)

ï¿½ Peripherals: Volume button(+,-), Push-To-Talk Button, Left/Right Scan Button, Power button, Vibration motor, Multi-color LED

ï¿½ Battery: 5000mAh 3.85V rechargeable battery; 200 hours standby time and 20 hours talk time (the battery can be removed and replaced)

ï¿½ Microphone and Speaker: Dual microphones, HD speaker and speakerphone (1W)

ï¿½ Sensors: Light & Proximity sensor, accelerometer sensor, gyroscope sensor

ï¿½ Physical: Headset dimensions: 161x 74 x 15mm Handset weight: 0.28KG

ï¿½ Temperature and Humidity: Operating Temperature: -20 °C to 50 °C (-4°F to 122°F); Charging Temperature: 5-40 °C (41°F to 104°F); Storage Temperature: -20 °C to 60 °C (-4°F to 140°F);

ï¿½ Package Contents: Handset unit, power adapter, quick start guide, hand rope, protective shell, 3x plug adapter, Lithium battery, USB cable

ï¿½ Ruggedization and Protection: Dropsafe up to 1.5m height when dropped on to concrete Casing: IP65-rated waterproof and dustrproof Static Discharge: ±15 kV (air discharge), ±8 kV (direct discharge)

ï¿½ Compliance: FCC, CE, EAC, IC, RCM

Please Enquire