



## Enterprise Portable Wi-Fi Phone WP850

The WP850 is a high-end portable Wi-Fi phone designed for users on the go who need access to reliable mobile scanning software. This powerful, portable Wi-Fi phone comes equipped with integrated dual-band 802.11 a/b/g/n/ac Wi-Fi support, advanced antenna design and roaming support, and integrated Bluetooth for pairing with headsets and mobile devices. Excellent data scanning performance on 1D and 2D barcodes and NFC support for instant data communication, this device helps increase productivity with instant access to critical and real-time information. The WP850 is equipped with 12-hour talk time, 5.7 inch HD touch screen and IP67 dustproof, waterproof, and drop safe height of 1.2 meters this device is long-lasting and durable for any environment or user on the go. This device is ideal for deployment scenarios such as healthcare facilities, retail locations, building security, logistic environments, and more.



Excellent data capture performance on 1D and 2D barcodes; Support NFC for data communication; Supports fingerprint recognition



5.7 inch HD screen, support multi-touch capacitive, cover with 2.5D Corning 3rd generation glass



Dual-band Wi-Fi with efficient antenna design and fast roaming support



Rechargeable 4800mAh battery, 12 hour talk time, 200 hour standby; USB Type-C port, supports fast charging



IP67 dustproof and waterproof, Drop-safe from 1.2 meter height.



HD voice design with AEC and Noise Shield Technology



6 SIP accounts, 6 lines



Ergonomic design, 12.6mm slim



Android 9.0 OS, supports custom Android apps

<b>Protocol/Standards</b>	SIP RFC3261, 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
<b>Voice Codex and Capabilities</b>	Support for G.711 $\mu$ /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
<b>Graphic</b>	5.7 inch (1440x720) multi-point capacitive touch screen, display backlight adjusts automatically
<b>Peripherals</b>	Volume button(+,-), Push-to-Talk Button, Scan Button, Power button, Proximity sensor, Light sensor, Magnetic sensor, Accelerometer, Vibration motor, Data Capture LED
<b>Push-to-Talk</b>	Customizable button for push-to-talk, panic call and other related functions
<b>Bluetooth</b>	Yes, Bluetooth 5.0
<b>Camera</b>	Rear camera :13MP autofocus Front camera:2MP Fix-focus Flash: Rear single LED support torch mode
<b>Scanner</b>	CMOS ( $\geq 5$ mil) <b>1D:</b> Code128, UCC/EAN-128, AIM 128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleave 2/5, ITF-6, ITF-14, Deutsche 14,Deutsche 12,COOP 25,Matrix 2/5, Industrial 2/5, Standard 25, Code 39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/ Plessey, GS1 Databar and more <b>2D:</b> PDF-417, QR Code, Data Matrix, Hanxin and more
<b>NFC</b>	13.56Mhz RFID ISO 14443 Type A/B, ISO 15693; ISO 18000-3,Miface, Felica RF, Kovio, NFC Forum Type1-4 Tag
<b>GPS</b>	GPS & Beidou & GLONASS
<b>Expansion card</b>	Support TF card (up to 128GB)
<b>Fingerprint recognition</b>	Support Fingerprint recognition, Rear fingerprint reader
<b>Auxiliary Ports</b>	USB type-C 2.0 OTG, Type-C earphone, multi-color LEDs
<b>Telephony</b>	Hold, transfer, forward, 6-line audio conference, downloadable phonebook (XML, LDAP, up to 1000 items), call waiting, call log (up to 100 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 to talk
<b>Operating System</b>	Android 9.0, supports custom Android apps that fit the phone's screen/keyboard
<b>Security</b>	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
<b>HD Audio</b>	Yes, both on handset and speakerphone with support for wideband audio
<b>QoS</b>	802.11e and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Multi-language</b>	English, Arabic, Chinese, Czech, Dutch, German, French, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file, manual upload
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included Input: AC100-240V; Output: DC5V, 1.67A 4800mA Li-ion battery, 200h standby time and 12h talk time
<b>Physical</b>	Headset dimensions: 157x 76.3 x 12.6mm Handset weight: 231g
<b>Temperature and Humidity</b>	Operating Temperature: -20 °C to 50 °C; Operating Humidity: 5-95% (non- condensing) Storage Temperature: -30 °C to 60 °C; Storage Humidity: 5%-95% (non- condensing)
<b>Package Contents</b>	Handset unit, universal power supply, USB data cable, Quick Start guide
<b>Durability</b>	Drop-safe from 1.2 meter height IP67 dustproof and waterproof
<b>Tumble Specification</b>	300 3.2 ft. /1m tumbles, meets or exceeds IEC tumble specification
<b>Compliance</b>	FCC, CE, RCM, EAC