



WD200 Plus

3.54" Wearable Computer

Wi-Fi 6 Technology | 123g with 2500mAh battery | 2X2 MU-MIMO Wi-Fi



Powered by Android 13 OS with GMS Certified

Enhance your data collection with the WD200 Plus, a device designed to revolutionize your workflow. This lightweight, ergonomic wearable runs on Android 13 with GMS certification, perfectly suited for intensive picking environments where hands-free operation is essential. The 3.54-inch sunlight-readable touchscreen, with 500 nits brightness, ensures clear visibility and supports use with gloves or in wet conditions. Equipped with a 16MP camera, the WD200 Plus offers the flexibility to capture barcodes and delivery confirmations seamlessly, making it an ideal solution for warehouse, retail, logistics, transportation, and shipping yard applications.

Advanced Technology: Wi-Fi 6

With Bluetooth® 5 and low-latency Wi-Fi 6 connectivity, the WD200 Plus enables real-time data collection. Users can scan items and instantly connect to backend systems to check stock quantities or place online orders for customers. Designed to deliver a seamless work experience, the WD200 Plus enhances productivity across various applications, offering faster downloads and uploads at your fingertips on the most reliable networks for your business.

High-Capacity Memory and Powerful Battery

Building on the foundation of the WD200, the WD200 Plus elevates performance with enhanced memory and battery capacity. Equipped with 4GB of RAM and 64GB of flash storage, it ensures smoother multitasking and ample space for your data, maximizing productivity and efficiency.

Durable and Reliable Design

The WD200 Plus enhances industrial-grade durability with features such as IP68-rated dustproof and waterproof protection, along with resistance to drops from heights of up to 1.5 meters. This ensures complete protection against dust and survival in over 1 meter of water for up to 1 hour. Additionally, the MIL-STD-810G certification guarantees resilience against environmental vibrations and humidity.

Features

- Android 13 with GMS certification
- Lightweight design with a 3.54" color display (960x640, 500 nits)
- Support gloves and wet resistance
- Support Wi-Fi 6 (2X2 MU-MIMO Antenna) and Bluetooth® 5
- 16MP camera captures barcodes and delivery confirmations
- IP68 rated, and 1.5m drop specification
- Dual MIC design, clear voice even in a noisy environment
- Long-lasting embedded 2500mAh battery
- Device supported versatile: SOTI, AirWatch, 42Gears, Ivanti Wavelink, MoboLink and Staylinked



System Features

CPU	Octa Core 2x A75 2.0GHz + 6x A55 1.8GHz
Memory	4GB RAM / 64 GB Flash
OS	Android 13 with GMS Certification
Languages support	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages

Display

Screen Size	3.54" Color TFT-LCD (960 X 640)
Touchpanel	Ultra sensitive capacitive touch screen, compatible with gloves and support wet resistance

Buttons / Keypad

ON / OFF button , 1x User-defined function button

Audio

One 1W speaker with Smart PA

Indicator Type

LED, Speaker, Vibrator

RFID

HF	Support HF/NFC Frequency 13.56Mhz Support: ISO14443A/B, ISO15693 standard
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Communication

Camera	16 MP Rear and Flash Light
Bluetooth®	Bluetooth® 5
Interface	USB Type-C/ Pogo Pin
USB	USB 2.0 (Type-C) support USB OTG
WLAN	WiFi 6 (2x2 MIMO) IEEE 802.11 ax/a/b/g/n/ac/d/h/i/k/r/v, IPv4, IPv6 Security of Wi-Fi : WEP, WPA/WPA2 PSK, 802.1x EAP,OWE, SAE Fast Roaming : PMKID caching, 802.11r, OKC 2x2 MU-MIMO
GPS	GPS, GLONASS, Galileo, Beidou
Sensor	Gyroscope, G-sensor, E-Compass, Light Sensor

Enclosure

Dimensions	96.7 x 60.7 x 14.43 mm(H x W x D)
Weight	123g (with battery)

Environmental

Operating temperature	-20°C to 50°C
Storage temperature	-20°C to 70°C
Charging temperature	0 C to 45 C
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to concrete	1.5 meter MIL-STD 810G
Environmental sealing	IP68
Tumble test	MIL-STD 810G / 1000 tumbles @ 1.6 ft./0.5 m

Power Source

Main battery	3.85V, 2500mAh Li-polymer battery (embedded, can be repaired)
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Software

SOTI, 42Gears, MoboLink, Airwatch

The standard package contents

WD200 Plus Terminal
USB Type C Cable

Optional Accessories

Wrist Holder
USB Type C Cable
4-Slot Terminal Charging Cradle
Bluetooth noise cancellation headset
Head-Up Display
Dimension Detector



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Development Tools



Unitech SDK



Scanner SDK



RFID SDK



EBrowser

Unitech offers a number of SDK toolkits for developers to write apps that can interact with the unitech devices for the mobile, scanner, and the RFID product lines.

Device Management



Staging and Management



MoboLink

Android Enterprise ready EMM for monitoring device health and managing apps, configs and files.



StageGO

Barcode-based device staging utility offering hundreds of script commands for you to work with.



OEMConfig

If you are using a third party EMM, OEMConfig will allow those EMM solutions to configure unitech specific settings on the device.



Enterprise Launcher

Secure your devices by kiosking them with Enterprise Launcher. Block access to the Android system and only allow limited number of apps to be run.



Battery info

Monitor advanced Battery health and manage the battery replacement cycle. Use with MoboLink to get real-time battery health alerts delivered to your phone.



Software Update

Check and install software updates online. To let a device always stay up-to-date, setup the device to automatically check and install for updates on boot up.



System Update Center

Check and install firmware updates via FOTA. You can update the firmware via online FOTA server, or by using a OTA ZIP file placed in the internal storage.



TagAccess

For versatile functions of RFID command via integrating with Unitech RFID Readers.



ScanBridge

A powerful scanner app for iOS, Android and Windows. Easy pairing, auto setup, advanced editing and validation tools streamline your scanning.

Productivity and Utilities



USS

Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.



USS Profiles



USS Camera

Capture barcode data using the device camera and send the data to your applications as keyboard inputs.



KeyRemap

Reprogram physical buttons to act as another key or to launch an app.



WLAN Advanced

Configure advanced WLAN settings such as power saving mode and roaming parameters.



NTP Server Settings

Customize the NTP server setting to keep your device date and time synchronized.



UNote

A simple text viewer and editor for use in your work flows.



Startup

Auto-run apps when device boots up.



Unitech Scanner Utility

An Android application which helps users connect, configure and use a supported Unitech Bluetooth scanner.



Logger

An easy and fast way to get logs from a device.



Enterprise Keyboard

Enterprise Keyboard gives various methods for user to input data to enhance efficiency and productivity.