



WD1 II Watch Scanner
Nwear

Features

Lightweight and User-friendly

The WD1 II watch scanner packs all the latest hardware in a modern design. It compacts an Android 13.0 OS into a light and durable device and a 2.8" capacitive touch screen. The scanner has a customizable side button and shortcuts for different functions making the WD1 II convenient and user-friendly. Designed as any conventional smartwatch, the WD1 II is familiar to use, simplifying staff training and making performing tasks more intuitive.

Effortless Hands-Free Scanning

When paired with WD2, WD1 II provides a hands-free solution that allows you to scan the items while simultaneously performing other physical tasks. This not only ensures ease of use but also increases overall productivity.

Strong Connection

WD1 II is equipped with Bluetooth 5.0 and WiFi (802.11 a/b/g/n/ac,

2.4 GHz and 5GHz), which both ensure fast and steady connection during data transmission and processing.

Premium Durability and Versatility

The WD1 II is built to withstand dusty environments and inevitable bumps and drops. With an IP67 rating and highly protective Corning glass, the WD1 II endures up to 1.2m drops. At the same time, WD1 II can resist both hot and cold temperatures, operating under conditions from -20°C up to 50°C. This makes it usable in almost any work environment.

Exceptional Performance

Armed with a high-performing octa-core processor and 3/32GB memory, the WD1 II allows the user to smoothly perform the tasks and handle large amounts of captured data. The 3300mAh battery ensures up to 12 hours of utilization without workflow disruptions.



Suggested industries



Retail



Warehousing



Logistics



Manufacturing



Healthcare

WD1 II Watch Scanner Technical specifications

Performance

| | |
|------------------|-------------------------------------|
| Operating System | Android 13.0 GMS |
| Processor | 2.0 GHz, octa core 64-bit processor |
| Memory RAM | 3GB |
| Memory Flash | 32GB |

Physical

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|-----------------|--|
| Audio | Speaker *1, dual microphone, noise reduction |
| Battery Type | Lithium-ion polymer battery: 3.8V, 3300mAh (non-removable) |
| Camera | 13 megapixels, auto focus; LED Flash, support torch mode, support barcode scanning |
| Dimensions (mm) | Dial plate: 77 × 56 mm, Dial plate thickness: 17.8 mm |
| Display | 2.8" (640 × 480) capacitive touch screen, corning gorilla glass 3 for the dial plate |
| Interfaces | USB Type -C, battery charging over USB supported, OTG not supported; 2 POGO-Pins for Charging Cradle support |
| Keypad | 2 keys (power key/lock screen key, user-defined key) |
| Notifications | Vibrator, speaker, and LED |
| Sensors | Angular Velocity Sensor, Geomagnetic Sensor, Air Pressure Sensor, Acceleration Sensor |
| SIM | Nano SIM*1 |
| Weight | 146g |

Wireless

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|-------------|---|
| WWAN RADIO | 2G: GSM: 900/1800MHz 3G: WCDMA: (B1,B8) 4G: TD-LTE: (B34,B38,B40); FDD-LTE: (B1, B3, B7, B8, B20,B28 a&b) |
| WWLAN Radio | IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz |
| WPAN RADIO | Bluetooth 5.0 |
| GPS | GPS (AGPS), GLONASS, Beidou, Galileo |

Environmental

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|--------------------------------|---|
| Operating Temperature | -20°C to 55°C (-4°F to 131°F) |
| Storage Temperature | -30°C to 70°C (-22°F to 158°F) |
| Humidity | 5% to 95% (non-condensing) |
| Electro Static Discharge (ESD) | ±10 kV (air discharge), ±6 kV (direct discharge) |
| Drop | 1.2m drops to concrete (for six sides, one drop per side) |

Accessories

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| Optional | Charging Cradle, AC adapter, cable, arm sleeve, silicone watch strap, velcro strap, screen protection film (SPWD1 Hybrid) |
|----------|---|

Software

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|---------------------------------|-----------------------------|
| MDM (certified) | Ndevor, Soti |
| Terminal Emulation (compatible) | Staylinked, Ivanti Velocity |
| Configuration Tools | Ndevor |

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Specifications are subject to change without notice

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WD1 II Watch Scanner Technical specifications

Warranty

| | |
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| Standard | 2 years |
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