



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

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, brightness: 460 nits
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/TF	Nano SIM*1
Weight	146g

Wireless

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

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)
IP Rating	IP67

Accessories

Standard	Wrist band, USB-C cable, screen protector, multi-plug adapter
Optional	Charging cradle, AC adapter, cable, arm sleeve, silicone watch strap, velcro strap, screen protector

Software

MDM (certified)	Ndevor, Soti
Terminal Emulation (compatible)	Staylinked, Ivanti Velocity

Newland AIDC EMEA

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Specifications are subject to change without notice

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WD1 II Watch Scanner Technical specifications

Configuration Tools	Ndevor
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Warranty

Standard	2 years
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Warranty Extension	+1 or 3 Years
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Comprehensive Service	3 or 5 Years
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