NWEAR
BY NEWLAND

Camera
Android 9.0
2.8" screen
Touchscreen
IP67
3300 mAh
GPS
Bluetooth 5.0
4G
1.2M drop
USB-C
WIFI Dual Band
Ndevor
Warranty 2 Years



Features

Lightweight and User-friendly
The WD1 watch scanner packs all the latest hardware in a modern design. It compacts an Android 9.0 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 convenient and user-friendly. Designed as any conventional smartwatch, the WD1 is familiar to use, simplifying staff training and making performing tasks more intuitive.

Effortless Hands-Free Scanning
When paired with WD2, WD1 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
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 is built to withstand dusty environments and inevitable bumps and drops. With an IP67 rating and highly protective Corning glass, the WD1 endures up to 1.2m drops. At the same time, WD1 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 quad-core processor and 3/32GB memory, the WD1 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 Watch Scanner Technical specifications

Performance	
Operating System	Android 9.0 GMS
Processor	2.0 GHz, quad 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
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	143g
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)

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Specifications are subject to change without notice

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WD1 Watch Scanner Technical specifications

Accessories	
Optional	Charging Cradle, AC adapter, cable, arm sleeve, silicone watch strap, velcro strap, screen protection film (SPWD1 Hybrid)
Software	
MDM (certified)	Ndevor, Soti
Terminal Emulation (compatible)	Staylinked, Ivanti Velocity
Configuration Tools	Ndevor
Warranty	
Standard	2 years

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