1D & 2D | **Android 13** | **GMS** | **Acuscan** | **1200mAh** | **2.06" Screen**

Touchscreen | **WIFI 6** | **Bluetooth 5.1** | **NFC** | **IP67** | **1.5m drop**

Ndevor | **Warranty 2 Years** | **Camera**

WD5 Industrial Smartwatch
Nwear

Features

Performance Meets Durability.

The WD5 Industrial Smartwatch features an innovative and intuitive design. Its 2.06" capacitive AMOLED display provides a straightforward and user-friendly interface. The Industrial Smartwatch also includes pogo pin contacts for fast charging and communication.

The industrial smartwatch has a powerful 2.0 GHz octa-core processor, 4GB of RAM, and 64GB of flash memory, ensuring seamless performance.

Not only is the WD5 Industrial Smartwatch stylish, but it is also durable and robust, with an IP67 certification and 1.5m drop protection. Weighing just 81g and boasting a slim design, the WD5 Industrial Smartwatch is lightweight and portable, making it ideal for industrial applications.

Scan, Capture, and Transmit in One Device.

The WD5 Industrial Smartwatch is equipped with Newland VGA scanning technology, allowing high-performance scanning of 1D barcodes and 2D codes even if damaged or distorted. The device also features LED aiming that uses Acuscan technology to ensure the decoding of codes and barcodes even when displayed closely together. Additionally, the WD5 Industrial Smartwatch comes with a 13-megapixel camera. Combining a scanner and camera in the WD5 Industrial Smartwatch reduces the need for multiple devices while offering greater flexibility. Users can perform various tasks, such as scanning, taking photos, and transmitting data, all with a single device.

Flexibility and Security.

The WD5 Industrial Smartwatch is equipped with the Android 13 GMS Operating System, which provides modern and future-proof technology. Android 13 has improved security, integration, and flexibility performance compared to proprietary or outdated operating systems. This operating system is ideal for modern industrial applications like the WD5 Industrial Smartwatch.

Powerful Connectivity.

The WD5 Industrial Smartwatch has WiFi 6 and Bluetooth 5.1 connectivity to ensure daily productivity. Additionally, the WD5 offers the NFC option to provide fast, secure, and convenient usage for everyday applications

Device Management & Software Tools.

The WD5 Industrial Smartwatch comes fully equipped with Newland's free Ndevor MDM, which allows you to manage all your devices from one location. SOTI and WS1 are alternative MDM options for the device.

Nwear Family tree

For applications requiring high-speed barcode scanning, the WD5 can connect to Bluetooth wearable scanning solutions. Nhub on the device enables seamless connectivity to Newlands Nwear wearable scanners. EasyConnect is available to link 3rd Party Bluetooth devices.

Suggested industries

Automotive | **Events** | **Manufacturing** | **Healthcare** | **Industrial**

Data Capture

1D	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E,Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93,UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey
2D	PDF417, QR Code, Data Matrix
Depth of Field EAN 13 (13mil)	65mm - 295mm
Depth of Field Code 39 (5mil)	65mm - 150mm
Depth of Field PDF417 (6.7mil)	60mm - 120mm
Depth of Field DataMatrix (10mil)	55mm - 120mm
Depth of Field QR (15mil)	35mm - 180mm

Performance

Operating System	Android 13 GMS
Processor	2.0GHz, octa-core 64-bit processor
Memory RAM	4GB
Memory Flash	64GB

Physical

AC Adapter	5V 2A
Battery Type	3,85V, 1200mAh
Camera	13 megapixels, auto focus
Dimensions (mm)	265(L) × 58(W) × 19(H) mm; Wristband: 24mm
Display	2.06'AMOLED, Screen Resolution 410*502, support multi touch
Interfaces	Pogo Pins for charging and communication via Cradle
Keypad	4 keys (scan keys included)
Notifications	Vibrator, speaker
Sensors	Accelerometer sensor, magnetic sensor, gyroscope sensor
Weight	81g (including battery)

Wireless

WLAN RADIO	Built-in 802.11 a/b/g/n/ac/ax, support 2.4GHz and 5GHz, k/v/r compliant
WPAN RADIO	Bluetooth 5.1
RFID	ISO14443A/B, ISO15693, MIFARE, FeliCa RF, Kovio, NFC Forum Type 1-4 Tags

Environmental

Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±10 kV (Air discharge), ±6 kV (Contact discharge)
Drop	1.5m drops to concrete (for six sides, one drop per side)
IP Rating	IP67

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Specifications are subject to change without notice

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Accessories

Standard	Charging cradle, USB cable, Watch strap (tensile strength max. 80N)
Optional	Screen protector, Watch strap (tensile strength max. 80N), Belt clip, Belt clip with retractable reel (cord length 600±50mm, pull-out lifetime 10000 times)

Warranty

Standard	2 Years

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