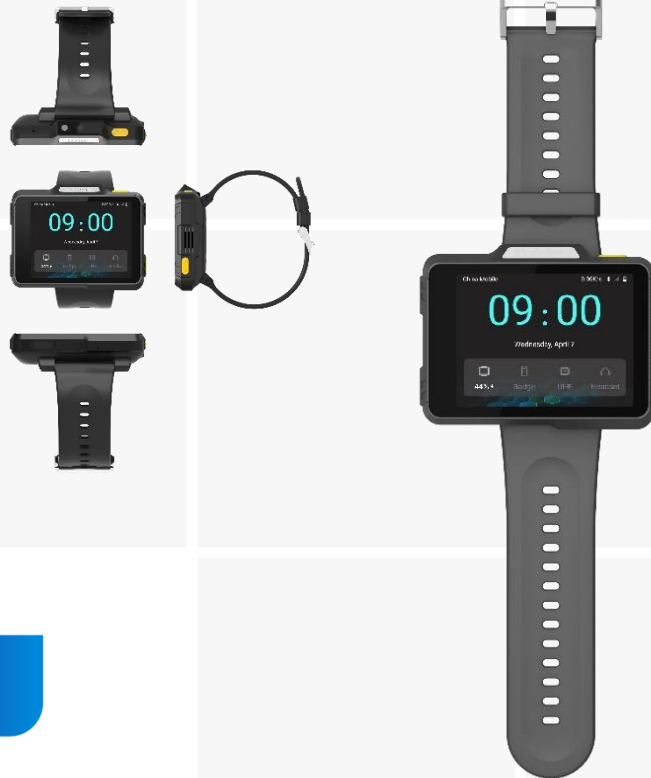




**Newland AIDC**  
Scanning Made Simple



## NLS-WD1

### WEARABLE DATA COLLECTOR

#### FEATURES

- **Rugged Construction**  
The NLS-WD1's rugged housing is sealed to IP67 standards for protection against dust and water and withstands 1.2m drops to concrete.
- **User-focused Ergonomics**  
The slim ergonomically designed body of the NLS-WD1 makes it easy to wear it in your hand and reduces stress & fatigue during extended work sessions.
- **Diverse Wearable Solutions**  
The NLS-WD1 can be connected to various Bluetooth peripherals to meet application needs like barcode scanning, UHF, print, etc. All these expand the working ability of the smart watch.
- **High-precision Sensor**  
Armed with multiple sets of high-precision sensors, the NLS-WD1 can position the user's location and speed in real time.
- **Long-lasting Battery Life**  
The NLS-WD1 is equipped with a 3300mAh battery that provides a full-shift battery life of up to 12 hours from a single charge.
- **Heavily Customized Android**  
Heavily customized android operation system allows users to easily operate and execute applications.
- **Excellent Performance**  
The NLS-WD1 is equipped with quad-core high-performance processor, 3+32GB memory, providing faster and smoother performance all the time.
- **Corning Glass**  
The dial plate adopts rugged corning glass which can provide high resistance to scratch and improve the drop performance.



Android



USB Type C



Drop



GPS



WiFi  
Dual Band



Bluetooth

# NLS-WD1

## Performance

Processor	2.0 GHz, octa cores 64-bit processor
Operating System	Android 13
Memory	3GB RAM, 32GB ROM
Interface	USB Type -C, battery charging over USB supported, OTG not supported

## Physical/Electrical

Dimensions (L×W×H)	Dial plate: 77 × 56 (mm), the thickness of the dial plate: 17.8mm
Weight	143g
Display	2.8" (640 × 480) capacitive touch screen, corning glass for the dial plate
Keypad	2keys (power key/lock screen key, user-defined key)
Notification	Vibrator, speaker, and LED
Battery	3.8V, 3300mAh (non-removable)
Camera	13 megapixels, auto focus; LED Flash, support torch mode
GPS	GPS (AGPS), GLONASS, Beidou, Galileo
Media	Speaker *1, dual microphone, noise reduction
Sensor	Angular Velocity Sensor, Geomagnetic Sensor, Air Pressure Sensor, Acceleration Sensor

## 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)
Static Discharge	±10 kV (Air discharge), ±6 kV (Direct discharge)
Drop	1.2m drops to concrete (for six sides, one drop per side)
Sealing	IP67

## Wireless

WLAN RADIO	Bands	built-in 802.11 a/b/g/n/ac, support 2.4G and 5G dual frequency
WPAN RADIO		Bluetooth 5.0

## Accessory

AC adapter, cable, Cradle

Specifications are subject to change without notice.

2024/03/28

Version: V1.0

