

# 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, 4G and 3+32 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.

Logistics, express delivery services, warehouse management, retail chains, food traceability, healthcare, distributor management, manufacturing, electricity meter reading, inventory counting.

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## Wearable Data Collector

<b>Performance</b>	Processor	2.0 GHz quad-core processor
	Operating System	Android 9.0
	Memory	3GB RAM, 32GB ROM
	Interface	USB Type-C connector, OTG not supported
<b>Physical</b>	Dimensions	Dial plate: 77 × 56 (mm), the thickness of the dial plate: 17.8mm
	Watch Strap	Replaceable
	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	Lithium-ion polymer battery: 3.8V, 3300mAh (non-removable)
	Camera	13 megapixels, auto focus; LED Flash, support torch mode, support barcode scanning
	GPS	GPS (AGPS), GLONASS, Beidou, Galileo
	Media	Speaker *1, dual microphone, noise reduction
	Card Slot	Nano SIM*1
<b>Environmental</b>	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)
<b>Wireless</b>	WLAN RADIO	IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz
	WWAN RADIO	2G: GSM: 850/900/1800/1900 MHz 3G: WCDMA: B1/B2/B5/B8; TD-SCDMA: B34/B39; CDMA2000 1X/ EV-DO Rev. A (BC0) 4G: FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28 a&b; TDD-LTE: B34/B38/B39/B40/B41
	WPAN RADIO	Bluetooth 5.0
	Sensor	Integrated Angular Velocity Sensor, Geomagnetic Sensor, Air Pressure Sensor, Acceleration Sensor
<b>Optional Accessories</b>		AC adapter, cable