

# The Next Generation of Wearables



To ensure real-time communication and data accuracy, enterprises are often forced to compromise on workplace ergonomics. Therefore, enterprise mobility is not fully mobilizing front-line employees. In most cases, staff must carry big, bulky, and heavy mobile devices with repetitive grab-and-drop motions.

However, like most business solutions, there is always room for improvement. To cater to global market demands, enterprises need to move on and preserve their attempts to achieve more efficient and flexible options that stand out in an ever-changing market.

Advancements in technology are helping countless workforces streamline their efforts. But some of the most exciting recent developments can be attributed to the rise of wearable scanning devices.

Fortunately, the next generation of wearable scanning devices by Newland AIDC is here to propel this technology into the future. Learn how this exciting development can benefit your industry in the long run.

## EMPOWERING YOUR OPERATION WITH REAL-TIME & ACCURATE DATA



## WD1

## Enterprise Smart Watch

◦ **Android OS**

◦ **Bluetooth 5.0**

◦ **2.8 inch**

◦ **4G / Wi-Fi**

◦ **IP67**  
sealing



## Specifications

- Build on Quad-core, 3GB RAM + 32GB ROM
- 13 megapixels camera, support 1D&2D barcodes scanning
- Battery 3300mAh
- Dual microphone, noise reduction
- Suggestion: logistic, warehouse management, inventory, etc.
- Size (Dial plate): 77.0(L) × 56.0(W) × 17.8(H)mm, weight: 143g

Crafted for a seamless operational experience, Newland AIDC's WD1 Enterprise Smart Watch offers everything you would expect from the leader of industrial mobile devices. Its ergonomic design and voice-operated capabilities make it a perfect fit for complex working conditions. This Android-based industrial watch also features integrations with Ndevor, Newland AIDC's cloud-based device management platform.

## Ndevor

## Newland Exclusive MDM Software

Ndevor was built to be the easiest way to manage all your Newland mobile devices, including the WD1. Ndevor's multifarious features will bring you a new experience managing individual items or batches, allowing you to venture further than ever.

## BS20

## Ring Scanner

◦ **Bluetooth 5.0**

◦ **670mAh**  
battery

◦ **180°**  
rotation



## Specifications

- Support 1D and 2D barcodes
- Depth of field: 55-280mm
- Support iOS / Android / Windows
- EasyConnect
- Via Bluetooth 5.0 BLE/HID connection
- Communication distance: 50m
- Size: 38(L) × 52.5(W) × 44.2(H) mm, weight: 49g

Scan Hands-Free and revolutionize your productivity with this cutting-edge device. Say goodbye to the hassle of holding a scanner and embrace a new level of convenience and efficiency. The scanner's 180° rotation design naturally fits either left or right hands. With the BS20, you can effortlessly scan barcodes with a simple finger gesture, making your work process smoother than ever before.

## BS30

## Badge Scanner

◦ **Bluetooth 5.0**

◦ **53g**



◦ **IP65**  
sealing

## Specifications

- Support ID and 2D barcodes
- Depth of field: 40-550mm
- Support iOS / Android / Windows
- EasyConnect
- Via Bluetooth 5.0 BLE/HID connection
- Acuscan: accurate "point-to-read" feature
- Suggestion: Enterprise customers who are using consumer devices like mobile phones, tablets, but professional scanning needed for extension
- Size: 110.8(L) × 62.3(W) × 10.6(H)mm, weight: 53g

With a sleek, feather-light physical design, the Badge Scanner BS30 propels you into the future of scanning technology. The latest Bluetooth technology enables any mobile device or tablet, even your staff's mobile phone, to become a data processing center with a barcode scanner. Enterprises can quickly increase scanning performance without purchasing additional mobile scanning products to complete scanning tasks by simply attaching the BS30 to a lanyard.

## BS50

## Glove Scanner

◦ **Bluetooth 5.0**

◦ **43g**

◦ **Hand Strap**  
with trigger



◦ **IP65**  
sealing

◦ **2-Slot**  
charging cradle

## Specifications

- Support ID and 2D barcodes
- Depth of field: 60-850mm
- Support iOS / Android / Windows
- Via Bluetooth 5.0 BLE/HID connection
- EasyConnect
- Optional for Gloves (Size SM/L, Left/Right)
- Optional for 2-slot charging cradle  
(Can be assembled up to 10-slots charging station)
- Communication Distance: 80m/262ft
- 10 hours of continuous operation (depending on the application and environmental conditions)
- Size: 58.8(L) × 48.8(W) × 18(H)mm, weight: 43g

Newland AIDC's Glove Scanner BS50 is a comfortable and practical introduction to modern scanning technology. The device offers an optimized workflow with its lightweight and ergonomic design. With Newland AIDC's specifically designed glove, users only need to press the side-mounted scanning trigger lightly to read a barcode and achieve real-time data transmission with the latest Bluetooth technology. Wearing this compact yet powerful device, warehouse workers can scan any barcode without dropping or lifting the package in their hands.

## BS80

## Companion Scanner

◦ **Bluetooth**

◦ **62g**



◦ **IP42**  
sealing

◦ **2-slot**  
charging Cradle

## Specifications

- 2 optional models: 1D CCD / 2D CMOS
- Depth of field:
  - 1D: 55-410mm
  - 2D: 60-380mm
- Support iOS / Android / Windows
- EasyConnect
- Via Bluetooth BLE/SPP/HID KBW connection
- Optional for healthcare version
- Size: 88(L) × 46(W) × 24.5(H)mm, weight: 62g

Farewell to the complicated operation and cast off the heavy housing, Newland AIDC's pocket-size BS80 lights on your hand with its slim figure. With its distinctly designed buttons, this elf magics your tedious workflow into a sure of efficiency and masters your productivity at a snap.

## EasyConnect

## Real-time Data Transmission

EasyConnect, a connection tool developed by Newland AIDC, allows its Bluetooth scanner users to achieve fast connection and professional scanning function expansion with simple barcode scanning.

# Experience the Future with Newland AIDC Today



From transportation and logistics companies to retail, hospitality, and manufacturing businesses, almost every industry can use barcode scanning technology to maximize operational productivity. Introducing the next generation of scanning technology, Newland AIDC wearable scanning devices speak for themselves by incorporating into virtually all enterprise workflows regardless of your operation's complexity.

The possibilities offered by our next generation of wearable scanning technology are unprecedented and fit right into the Newland AIDC ecosystem. With extensive industry experience, Newland AIDC is constantly pursuing innovations to improve the user experience and efficiency for all industries and enterprises. Browse Newland AIDC's new product lineup to see how our cost-effective solutions can improve your operations!