NWEAR
BY NEWLAND

1D & 2D | LED aimer | IP42 | 1.2M drop | Bluetooth 5.0 | EasyConnect

EasySet | USB | Warranty 3 Years



Features

Hands-Free Scanning Experience

Enjoy the convenience of hands-free scanning with the WD4 Ring Scanner! With its exceptional performance, the WD4 can effortlessly scan a diverse array of 1D and 2D barcodes. Equipped with a versatile rotating head, this scanner fits perfectly on your left or right hand, ensuring seamless functionality even during routine tasks like carrying boxes. Additionally, the trigger button can be easily operated with a light press of your thumb.

Reliable Seamless Connectivity

Enjoy the freedom of wireless connectivity with the WD4! Featuring Bluetooth 5.0, the WD4 Ring Scanner enables reliable and fast communication with your preferred devices. It effortlessly pairs with Android mobile computers, tablets, PCs, and smartphones, as well as IOS and Windows devices via EasyConnect.

Customizable Configuration with EasySet

The WD4 Ring Scanner is compatible with the Newland EasySet configuration software, providing users with the ability to customize their devices. With EasySet, you can effortlessly manipulate scanned data, configure settings, and export saved files in various formats. With 1MB storage memory and EasySet compatibility, the WD4 becomes a valuable data collector not only for online but also for offline applications.

Intuitive Good-Read Feedback

Experience clear and instant feedback with the WD4 Ring Scanner. It utilizes a combination of LED lights, audio beeps, and vibrations to provide you with clear feedback on successful scans. These same indicators can also alert the device's communication status and battery life, keeping you informed and ensuring uninterrupted workflow.

Full-Shift Battery

Thanks to the large 670mAh battery capacity, you can enjoy up to 10 hours of uninterrupted scanning time. The low-power Bluetooth 5.0 technology, combined with the energy-efficient scan engine, gets you comfortably through a full shift without a need to recharge.

Efficient Multi-Device Charging

In addition to the supplied magnetic to USB cable for individual charging, you have the option to choose two-bay charging cradles that can be linked together to create a multi-charging solution using a single power supply. With the ability to daisy-chain up to 5 cradles, you can charge up to x10 WD4 Ring Scanners simultaneously, reducing clutter and optimizing charging efficiency.



Suggested industries

Retail | Warehousing | Logistics | Events | Entertainment

WD4 Ring Scanner Technical specifications

Data Capture	
1D	Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Standard 25, Codabar, Industrial 25, Code39, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS), Matrix 2 of 5, Interleaved 2 of 5, ITF-6, ITF-14
2D	PDF417, QR Code, Data Matrix, Aztec, Micro PDF, Micro QR
Image Sensor	640*480
Aiming	Red LED
Illumination	White LED
Resolution	≥ 3mil (Code128)
Depth of Field EAN 13 (13mil)	55-280 mm
Depth of Field Code 39 (5mil)	55-145 mm
Depth of Field PDF417 (6.7mil)	40-130 mm
Depth of Field DataMatrix (10mil)	40-140 mm
Depth of Field QR (15mil)	30-195 mm
Scan Angle	Pitch: ±60°; Roll: 360°; Skew: ±60°
Minimal Print Contrast	20% (Code128 10mil)
Performance	
Memory Flash	1MB, >16000 EAN 13 codes
Physical	
Battery Type	4.35V 670mAh (rechargeable Li-ion battery)
Dimensions (mm)	38mm(W) × 52.5mm(L) × 44.2mm(H)
Expected Battery Life	Up to 8 hours (depending on the intensity of scanning applications)
Expected Charge Time	less than 2 hours
Notifications	Buzzer (Sound), Visual (LED), Vibrator (Vibration)
Power Supply	Input: AC 100~240V, 50~60Hz; Output: DC 5V, 1A Toggle Actions
Weight	48 g
Wireless	
Bluetooth Transmission Range	40m (wide empty area)
WPAN RADIO	Bluetooth 5.0
Environmental	
Operating Temperature	-20℃ to +50℃
Storage Temperature	-40℃ to +70℃
Charge Temperature	0℃ to +45℃
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±12 kV (air discharge); ±8kV (contact discharge)
Drop	1.2m
IP Rating	IP42

Newland AIDC EMEA

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Feel free to contact us or a partner near you

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Specifications are subject to change without notice

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Newland AIDC
SCANNING MADE SIMPLE

Certifications	
Hardware	CE, RoHS
Warranty	
Warranty Extension	+2 Years
Comprehensive Service	3 or 5 Years

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