NWEAR
BY NEWLAND

1D & 2D | Acuscan | CMOS | IP65 | Bluetooth 5.0 | EasySet

EasyConnect | USB | 1.2M drop | Warranty 2 Years



Features

Outstanding performance

Equipped with Newland's latest megapixel 2D technology, the WD3 can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on the screen.

Batch collection

The WD3 can be set to collect barcodes and store them in the memory to be uploaded to a host via a Bluetooth or cable connection. So, if you're delivering bulk items to a single delivery point or taking the time to create a little inventory, the WD3 can work without the need for live host interaction.

Precision scanning

Acuscan can be set on the WD3, so the red laser cross aimer only decodes the exact barcode you want

Compact and light-weight design

The WD3 is extremely thin and lightweight. So not only does it feel comfortable to hold, but if it is attached to the lanyard or retractable belt clip supplied, the weight and bulk are not noticeable.

High protection and industrial structure

The WD3 is built into an IP65-sealed and drop resistant (1.2m) housing with no moving parts that fortify itself inside and out. It can be used in all weather and cope with bumps, knocks and drops.

Nwear DNA

The WD3, as part of the Nwear family of devices, can easily connect to the Newland family of Android devices via the easy pairing application. Third-party devices running Android can also be connected easily



Suggested industries

Retail | Hospitality | Events | Entertainment | Healthcare

WD3 Badge Scanner Technical specifications

Data Capture

1D	Code 11, Code 128, Code39, GS1-128, AIM 128, ISBT 128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-13, EAN-8, ISBN, ISSN, InterLeaved 2/5, Matrix 2/5, Industrial 2/5, ITF-14, ITF6, Standard 2/5, COOP 2/5, China Post 25, MSI Plessey, Plessey, GS1 Databar (RSS)
2D	PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode, GM Code
Image Sensor	1280x800 (megapixel) CMOS
Aiming	Laser (650nm)
Illumination	White LED
Depth of Field EAN 13 (13mil)	65mm-550mm
Depth of Field Code 39 (5mil)	120mm-330mm
Depth of Field PDF417 (6.67mil)	120mm-240mm
Depth of Field DataMatrix (10mil)	125mm-240mm
Depth of Field QR (15mil)	40-370mm
Field of View Horizontal	40°
Field of View Vertical	25°
Scan Angle Roll	360°
Scan Angle Pitch	±55°
Scan Angle Skew	±55°
Minimal Print Contrast	>25%

Physical

Battery Type	300 mAh lithium-ion battery
Current @ 5VDC Operating	5VDC±5%
Dimensions (mm)	110.8(W)x62.3(D)x10.6(H)mm
Expected Battery Life	Up to 8 hours (depending on the intensity of scanning applications)
Expected Charge Time	< 2 hours
Interfaces	USB
Notifications	Beep, LED Indicator, Vibration
Weight	53g

Newland AIDC EMEA

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Specifications are subject to change without notice

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SCANNING MADE SIMPLE

WD3 Badge Scanner Technical specifications

Wireless	
Wireless Distance (max.)	30m/98ft (in open space)
Communication Modes	Bluetooth BLE, Bluetooth HID Modes
Environmental	
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F); Charge Temperature: 0°C to 45°C (32°F to 113°F)
Charge Temperature	0°C to 45°C (32°F to 113°F)
Humidity	5% - 95% (non-condensing)
Electro Static Discharge (ESD)	±10 KV (air discharge); ±6 KV (contact discharge)
Drop	1.2m/3.94ft
IP Rating	IP65
Software	
Configuration Tools	Easyset
Certifications	
Software	CE RED, FCC IF, RoHS, SRRC, IEC 62471
Warranty	
Comprehensive Service	3 Years

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