



# Wearable scanner PLUS WD2



## Outstanding Performance

Equipped with Newlands 2D Megapixel scanning technology, the WD2 can effortlessly capture high-density, high volume and distorted barcodes printed on a wide range of materials. The mid-range version can capture codes from further away than normal and scan a wide variety of barcodes that standard range scanners may struggle with.

## Taking careful aim

The Standard range uses a red aiming crosshair design that enables the use of Acuscan for precision scanning on smaller codes. Even when codes are grouped close together, Acuscan enables workers to set their sights with confidence for picking the exact item they need. The mid-range version uses a single red dot that can be seen from a greater distance for pin-pointing larger, isolated codes.

## Daisy Chain charging

The WD2 has a compact two-bay charging station powered via a USB-C cable or a multi-region PSU. The cradle has fixing points for mounting, and the quick click docking magnets keep the WD2 securely in place even if mounted vertically. The cradles can be linked together to create a 4, 6, 8 or 10 bay multi dock cradle, optimized to 100% charging efficiently via a single PSU.

## Hands-free working

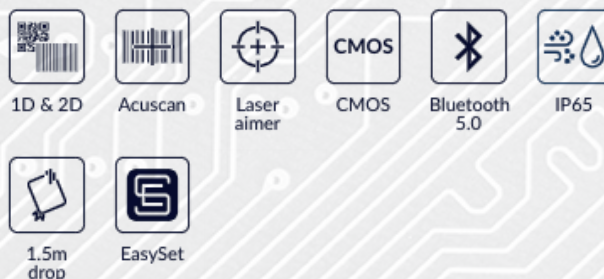
The WD2 connects to an Electronic Hand Strap with an integrated scan trigger comfortably positioned between thumb and forefinger. It is available for both right- and left-handed operators and comes in two sizes to cater to small/medium and large hands. The large strap will also fit over thicker gloves for cold or heavy-duty applications. The scanner will stay secure with a quick click docking magnet and additional securing strap until the operator wants to remove it. The ergonomics and lightweight make it perfect for long-sustained scanning applications where "two hands are better than one."

## Pluriservice Spa

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## Stable wireless communication

The WD2 uses a strong anti-interference Bluetooth 5.0 technology. When used with the WD1 Android wrist-mounted solution, the WD2 can be directly paired by scanning an onscreen 2D barcode.



## Recommended applications:

- Logistics
- Postal
- Warehousing

	Image Sensor	CMOS 1280x800 (megapixel)
	Illumination	White LED
	Aiming	650nm Laser (SR: crosshair laser; MR: dot laser)
	Depth of Field EAN 13 (13mil)	SR: EAN-13 (13 mil): 65 mm - 540 mm / MR: EAN-13 (13 mil): 60 mm - 850 mm
	Depth of Field Code 39 (5mil)	SR: Codice 39 (5 mil): 120 mm- 330 mm / MR: Codice 39 (20 mil): 80 mm - 1300 mm
	Depth of Field PDF417 (6.67mil)	SR: PDF 417 (6,7 mil): 125 mm - 240 mm / MR: Codice 128 (5 mil): 190 mm - 300 mm
<b>Performance</b>	Depth of Field Data Matrix (10mil)	SR: Data Matrix (10 mil): 125 mm - 240 mm / MR: Data Matrix (10 mil): 160 mm - 300 mm
	Depth of Field QR (15mil)	SR: QR Code (15 mil): 40 mm - 360 mm / MR: Codice 39(100 mil): 250 mm - 3500 mm
	Minimal Print Contrast	25%
	Scan Angle Roll	RS: 360° / MR: 360°
	Scan Angle Pitch	RS: ±65° / MR: ±60°
	Scan Angle Skew	RS: ±75° / MR: ±70°
	Field of View Horizontal	RS: 40° / MR: 33°
	Field of View Vertical	RS: 25° / MR: 21°
	Barcode scanning	OCR: Specific OCR-B, Passport OCR, Chinese ID Card, China Travel Permit OCR
	Barcode scanning	Postal: US PostNet, US Planet, UK Postal, Australia Postal, Japan Postal
<b>Data Capture</b>	1D	EAN-8, EAN-13, UPC-E, UPC-A, Code128, UCC/EAN128, I2Of5, ITF14, ITF6, Matrix 25, CodaBar, Code39, Code32(Italian Pharma Code), Code93, ISSN, ISBN, Industrial25, Standard25, Plessey, Code11, MSI Plessey, UCC/EAN Composite, GS1 Databar, China Post 25, Code 49, Code 16K
	2D	PDF417, QR Code, Micro QR, DataMatrix, Aztec, MaxiCode, Chinese Sensible Code, GM Code, Micro PDF417, CODEONE
	Dimensions (mm)	58,8 × 48,8 × 18 mm
	Weight	Scanner: 43 g
	Battery Type	670 mAh lithium-ion battery
<b>Physical</b>	Expected Battery Life	10 hours of continuous operation (scan once per 15 seconds)
	Expected Charge Time	<2 hours (with power adapter)
	Notifications	Beep, LED and vibration
	Current @ 5VDC Operating	5 VDC ±5%

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<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Storage Temperature	Battery Charge Temperature: 0°C to 45°C (32°F to 113°F) (needs adjusting in tech label)
	Humidity	5% to 95% (non-condensing)
	Electro Static Discharge (ESD)	±8 KV (contact discharge); ±15 KV (air discharge)
	Drop	1.5m/4.92ft
	IP Classification	IP65

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