



Wireless 2D Long Range LED Barcode Scanner

Wireless 4.2 and 2.4 GHz with USB-A Nano Dongle, Scan Depth up to 450 mm (17.7 in.), 60 scans per Second, 100K Lux, Handheld, Rugged IP52-rated Housing, Black

Part No.: [154185](#)

EAN-13: 0766623154185 | UPC: 766623154185

Rugged Cordless 1D / 2D USB Barcode Scanner that helps you improve Productivity in Retail, Hospitality, Warehousing, and Harsh Environments

The Manhattan Wireless 2D Long Range LED Barcode Scanner is your durable solution for streamlined data entry and enhanced efficiency to help improve routine transactions and automate paper-based processes. Capture barcodes from mobile devices, 1D and 2D Paper barcodes on items for sale, coupons, loyalty cards and more. This scanner is built for such different industries as retail/point-of-sale, healthcare, hospitality, warehousing or logistics.

Wireless Connectivity with Computers and Mobile Devices

For classic, simple USB plug-and-play installation, just connect the nano receiver to a USB-A port on your PC, MacBook, or similar device. Alternatively, pair the scanner directly via Wireless 4.2 with all devices, including your iPad® and Android tablet. The transmission range from your host device to the scanner is up to 100 m (328 ft.) with the included 2.4 GHz RF dongle or up to 50 m (164 ft.) with Wireless 4.2.

Quick and Accurate Reads Every Time

With its wide scan field and scan depth of up to 450 mm (17.7 in.) , it ensures quick and accurate reads every time. Significantly reduce errors and delays for seamless operations in your daily business.

Versatile Compatibility for Many Symbolologies

Equipped with advanced technology, it detects a wide range of popular 1D and 2D symbolologies, including UPC, EAN, QR Code, Data Matrix, PDF417, and many more. Whether it's barcodes or intricate QR codes, it handles it all with precision and speed.

Rugged Design for Harsh Environments

Featuring an IP52-rated housing, our scanner is built to withstand harsh environments with protection against dust and water ingress.

Reliable Performance in Any Lighting Condition

Experience maximum reliability even in the most challenging lighting conditions. With an exceptional ambient light tolerance of 100,000 lux, this scanner delivers reliable readings even in direct sunlight, ensuring uninterrupted workflow.

Enhanced Convenience with our Barcode Scanner Stand

For added convenience, pair our scanner with the Manhattan Barcode Scanner Stand #154192 for hands-free operation, ideal for busy retail environments and automated processes.

Features:

- Helps speed data entry, reduce errors and improve efficiency - ideal for retail transactions and automated processes
- Wide scan field providing quick, accurate reads up with a scan depth up to 450 mm (17.7 in.)
- Detects many popular 1D and 2D symbolologies including UPC, EAN, QR Code, Data Matrix, PDF417, and many more
- IP52-rated housing to protect against dust and water in harsh environments
- Highest ambient light tolerance of 100,000 lux for reliable readings even in direct sunlight conditions
- Keyboard wedge decoder that enables scanned data to be displayed as

if directly entered from keyboard

- Wireless working range up to 100 m (328 ft.) in line of sight from host device with 2.4 GHz RF dongle or up to 50 m (164 ft.) with Wireless 4.2
- Easy plug-and-play installation; no drivers or other software required
- Compatible with Windows®, Android™, iOS®, Chrome OS™, iPadOS®, and Linux®
- Built-in high-capacity lithium-ion battery for 80,000 reads with one charge
- Ideal for use with Manhattan Barcode Scanner Stand #154192 for convenient, hands-free operation
- 1 m (3 ft.) USB-A to USB-C charging cable included
- Three-year warranty

Specifications:

Standards and Certifications

- CE
- RoHS
- REACH
- UKCA
- FCC

General

- Supports 1D and 2D barcodes
- Scan light: LED
- Scan range (depth): 450 mm (17.7 in.)
- Scan rate: 60 scans per second
- Resolution
 - 1D: 3 mil/0.076 mm
 - 2D: 7 mil/0.18 mm
- Sensor size: 1280 (H) x 800 (V) pixels
- Field of view (FoV): Horizontal -45°, Vertical -36°
- Print Contrast Ratio (PCR): 20%
- Reading indicator: tone and LED
- Ambient light: 100,000 lux max. (sunlight)
- Drop resistance: 1.2 m (47.24 in.) on concrete surface
- MTBF: 50,000 hours
- Battery type: Li-Ion 3.7 V / 2000 mA (built-in)
- Charging port: USB-C
- Battery charge time: about 5 hours
- Switch: trigger

Supported codes

- 1D symbologies: UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, ISSN, UCC/EAN-128, Code 39, Code 39 Full ASCII, Code 128, Interleaved 25, Industrial 25, Matrix 25, Codabar/NW7, Code 93, Code11, China Post, MSI, Telepen, GS1 Databar Omni-directional, GS1 Databar Limited, GS1 Databar Expanded

- 2D symbologies: Aztec, Data Matrix, MaxiCode, QR Code, PDF417, Micro PDF, HANXIN, MicroQR Code, Dotcode, GridMatrix
- Supports OCR-B characters

Physical

- Dimensions (L x W x H): 172 x 67 x 87 mm (6.77 x 2.64 x 3.43 in.)
- Net weight: 195 g (0.43 lbs.)
- Gross weight: 320 g (0.71 lbs.)
- Housing: ABS, IP52-rated

Operating Environment

- Operation temperature: -10 - 50°C (14 - 122°F)
- Storage temperature: -20 - 70°C (-4 - 158°F)
- Humidity (non-condensing): 20 - 95% RH

Electrical

- Voltage: DC 5.0 V
- Current draw:
 - <130 mA (stand-by)
 - <280 mA (operation)

Package Contents

- 2D Long Range LED Barcode Scanner
- Charging cable, USB-A to USB-C, 1 m (3 ft.)
- Instructions





Stand not included
Stand SKU: 154192