

(855) 235-1718



At the Forefront of Data
Collection Technology

3 yr.
Warranty

STANDARD

AirTrack R2

Wireless Bluetooth Rugged Scanner

The AirTrack R2 provides an intuitive and effortless scanning experience combining omnidirectional reading capabilities with outstanding optical characteristics. The result is a scanner that can read any kind of bar code, regardless of the orientation, from contact to over 1 m (3.3 ft), depending on the bar code resolution. Add AirSupport to your R2 barcode scanner for extended comprehensive warranty coverage, technical support, AirSpare, and more.

KEY FEATURES:



1D BARCODES



2D BARCODES



BLUETOOTH



OMNIDIRECTIONAL



RUGGED

INDUSTRY APPLICATIONS:

- Warehouse and Logistic Centers
- Entertainment
- Manufacturing Shop Floor
- Shipping / Receiving
- Ticket Validation
- Line Inventory Control

To see all complete features, visit:
www.AirTrack.com/airtrack-r2/



BLUETOOTH
WIRELESS
BASE STATION

Designed for You

With a unique focus on the user, every aspect of the AirTrack R2 scanner was carefully designed and tested. With a handle shape, well-balanced weight, and an intuitive aiming system, the R2 allows high first-pass reading rates while reducing unnatural wrist movements for improved ergonomics and user comfort. The AirTrack R2 can read digital watermarks.

Rugged Industrial Scanner

Up for any challenge, the rugged mechanics of the AirTrack R2 guarantees reliable, long-term operation. Repeated shocks and indoor / outdoor usage in the toughest environmental conditions do not impact its performance or reliability.

EXPERIENCE THE POWER OF

AirSupport

What is AirSupport?

In addition to industry-leading warranties, add AirSupport to your products for:

- Extended warranty coverage against defects
- Comprehensive coverage on select products
- Technical support for the life of the warranty
- Free 30-day demo for pilots
- AirSpare – If your device stops working due to a manufacturing defect, get a comparable spare while we evaluate it*

AirSupport & Add-on Plans (options vary by product)

COVERAGE	5-DAY AirSupport	2-DAY AirSupport	Overnight Replacement	Preventative Maintenance
Factory Parts & Procedures	✓	✓	✓	✓
Selected Factory Upgrades	✓	✓	✓	✓
Defects in Material/Workmanship	✓	✓	✓	✓
Normal Wear & Tear	✓	✓	✓	✓
Comprehensive (accidental damages)		✓	✓	✓
Turnaround Time	5-Business Days	2-Business Days	Overnight Replacement	24/48 Hours
Transport		Two-way Express	Two-way Ground. Express	
LENGTH OF COVERAGE				
3-Year & 5-Year (from start)	✓	✓	✓	
1-Year Renewal	✓	✓	✓	✓

*Spare will be overnighted by the seller. If user error is found, we will return damaged device or offer flat rate repair.



AirTrack R2 SCANNER SPECS

SPECIFICATIONS

DECODING CAPABILITIES

1D / Linear Codes	Auto discriminates all standard 1d codes including GS1 DataBar™ linear codes
2D Codes	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code
Postal Codes	Australian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post
Stacked Codes	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites
Digital Watermarks	Includes Digimarc® Barcodes

READING PERFORMANCE

Image Capture	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Image Sensor	1280 x 1024
Light Source	Aiming: 630 - 680 nm VLD; Illumination: Red LEDs
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 40°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 40°
Reading Indicators	Datalogic's 3GL™ (Three Green Lights) technology and loud beeper for good-read feedback; Datalogic 'Green Spot' on the Code, Dual Good Read LEDs
Resolution (Maximum)	1D Codes: 2.5 mil; 2D Codes: 4 mil

READING RANGES

Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 2.5 mils Code 39: 2 to 6 cm / 0.8 to 2.3 in 4 mils Data Matrix: 2 to 6 cm / 0.8 to 2.3 in 10 mils Data Matrix: 2 to 20 cm / 0.8 to 7.8 in 10 mils PDF417: 2 to 30 cm / 0.8 to 11.8 in 13 mils EAN-13: 3 to 60 cm / 1.1 to 23.6 in 20 mils Code 39: 3 to 70 cm / 1.1 to 27.5 in 40 mils Code 39: 3 to 110 cm / 1.1 to 43.3 in
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PHYSICAL CHARACTERISTICS

Colors Available	Black
Dimensions	21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in
Weight	400.0 g / 14.1 oz

CORDLESS COMMUNICATIONS

Bluetooth® Wireless Technology	Piconet: Max. 7 readers per radio receiver (cradle and commercial dongle)
Profiles	HID (Human Interface Device); SPP (Serial Port Profile)
Protocol	Bluetooth® 3.0 Certified Class 1
Radio Frequency	2.40 to 2.48 GHz
Radio Range (Open Air)	Class 1: Exceeds 100 m / 328 ft Range distances are measured using the base station. Range with connection to other Bluetooth® peripherals may show different results.
Security	Data Encryption; Scanner Authentication

INTERFACES

Interfaces	Keyboard Wedge; RS-232; USB: OEM USB; USB COM; USB HID Keyboard; Optional Ethernet (Standard, Industrial)
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ELECTRICAL

Battery	Lithium-Ion 3350 mAh Charge Time: External Power: 4.5 Hours; Host Power: 10 Hours
Reads Per Charge	80,000+ (typical @ 25 °C)
Cradle Indicator LEDs	Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
Cradle Consumption and DC Input Supply Range	Volt 10-30 VDC; Power <8W*; Max 500mA when in host/bus powered mode* *Typical input current measured under factory default configuration
Operating (Typical)	150 mA @ 10 VDC
Input Voltage	External Power: 10-30 VDC; POT: 5 VDC +/- 10%

ENVIRONMENTAL

Ambient Light	0 - 100,000 lux
Drop Resistance	Withstands repeated drops from 2.0 m / 6.6 ft onto a concrete surface
ESD Protection (Air Discharge)	20 kV
Humidity (Non-condensing)	95%
Particulate and Water Sealing	IP65
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Battery Charging: 0 to 40 °C / 32 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

WARRANTY

Warranty	3-Year Factory Warranty
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