

(855) 235-1718

 AirTrack®

At the Forefront of Data
Collection Technology

3 yr.
Warranty

STANDARD

AirTrack® R2-E Extended Range Wireless Rugged Scanner

The AirTrack R2-E hand held industrial scanner with area imaging technology, can read 1D/2D barcodes with an extended reading range. Its powerful autofocus system allows the scanner to read from a short distance of 6 inches to a distance of more than 65 feet with a fast focus adjustment, you can easily read a close up barcode and then focus at the top of a warehouse rack. Add AirSupport to your R2-E for extended comprehensive warranty coverage, technical support, AirSpare, and more.

KEY FEATURES:



EXTENDED READ RANGE



1D BARCODES



2D BARCODES



BLUETOOTH



RUGGED

INDUSTRY APPLICATIONS:

- Factory Automation
- Manufacturing Shop Floor
- Shipping/Receiving
- Forklift Picking
- Work-in-Process
- Material Picking

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



BLUETOOTH
WIRELESS
BASE STATION

Mobility Enhances Productivity

The AirTrack R2-E reader can support multi-code features as well as pick mode where only the barcode pointed at by the aiming system is decoded. The quick 3-second battery replacement combined with a single or multi-slot battery charger allows for continuous operation without interruption. The base/charger also includes in the same model two different Ethernet connections: Standard Ethernet and Industrial Ethernet protocols such as Ethernet IP and Modbus.

Built to Last

The R2-E reader has been tested to withstand extreme environmental conditions and is also suitable for the toughest industrial applications.

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-E 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

READING PERFORMANCE

Light Source	LED
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 80°; Roll (Tilt): +/- 180°; Skew (Yaw): +/- 60°
Field of View	Near Field: 14°(H) x 10.5°(V); Over 3 m / 10 ft: 14.4°(H) x 10.8°(V)
Reading Indicators	Beeper; Datalogic's Three Green Lights (3GL™); Good Read Feedback: Datalogic 'Green Spot' on the Code, Dual Good Read LEDs; Good Transmission
Resolution (Maximum)	1D Codes: 3 mils; 2D Codes: 4 mils

READING RANGES

Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.
EAN 13:	20 to 290 cm / 7.8 to 114.1 in
Code 39:	10 mils: 15 to 160 cm / 5.9 to 63.0 in 40 mils: 50 to 1,100 cm / 20.0 to 433.0 in 100 mils: up to 2,300 cm / 75.0 ft
Code 128:	15 mils: 30 to 330 cm / 11.8 to 129.9 in 40 mils: 60 to 850 cm / 23.6 to 335.0 in 100 mils: up to 20 m / 65.0 ft
DataMatrix:	10 mils: 20 to 85 cm / 7.8 to 33.5 in 55 mils: 30 to 550 cm / 11.8 to 216.5 in 100 mils: 30 to 880 cm / 11.8 to 349.5 in 200 mils: up to 20 m / 65 ft

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	460.0 g / 16.2 oz

WIRELESS COMMUNICATIONS

Bluetooth® Wireless Technology	Maximum number of devices per base station: 7
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	Continuous Reading: 40,000+
Cradle Indicator LEDs	Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)
Cradle Consumption	External Power < 8W; POT: Max 500 mA in host/bus powered mode
Input Voltage	External: 10-30 VDC; POT: 5 VDC +/- 10%

ENVIRONMENTAL

Ambient Light	Immune to light exposure in offices/facilities and direct exposure to sunlight
Drop Resistance	Withstands repeated drops from 2.0 m / 6.5 ft onto a concrete surface
ESD Protection (Air Discharge)	20 kV
Humidity (Non-condensing)	0 - 95%
Particulate and Water Sealing	IP65
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

WARRANTY

Warranty	3-Year Factory Warranty
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