



Bluebird RFR900 Handheld RFID Reader

The RFR900 Handheld Reader integrates with TrueVUE Inventory Intelligence software to help enable real-time visibility into stock levels, improve operations, optimize sales and enhance the shopper experience.

This device adds high-performance RFID tag reading and writing with barcode scanning to Bluebird's Touch Mobile Computer series. When used together with TrueVUE software, retailers can cycle count inventory quickly and with increased accuracy compared to traditional barcode-based counting.

This lightweight and comfortable reader features a detection range of up to 6m (19.7ft). It is designed with proprietary TankSmith™ technology for industrial-grade reliability for retail environments.

Retailer Values

- // Helps drive increased revenue, employee productivity and customer satisfaction using TrueVUE Inventory Intelligence software
- // Quickly reads up to 900+ RFID tags per second with a reading distance up to 6m (20ft)
- // Improves data capture with a virtually 360° reading angle that eliminates blank space
- // Features a comfortable, lightweight pistol grip for maximum portability and prolonged use
- // Features a long battery life and all-in-one charging with Bluebird mobile computers
- // Supports faster cycle counts which help retailers measure product consumption and promote timely shelf restocking
- // Resists water and dust with industrial-grade durability, a 1.2m (4ft) drop specification and an IP54 rating that protects the reader against water and dust

Product Codes

Product Codes	Mobile Computer	Bluetooth®	Serial	Countries
IDHS-RFR900-NA4S	EF400	✓	✓	NA, LATAM, APAC
IDHS-RFR900-NA5S	EF500	✓	✓	NA, LATAM, APAC
IDHS-RFR900-NA5R	EF500R	✓	✓	NA, LATAM, APAC
IDHS-RFR900-WA4S	EF400	✓	✓	EMEA
IDHS-RFR900-WA5S	EF500	✓	✓	EMEA
IDHS-RFR900-WA5R	EF500R	✓	✓	EMEA
IDHS-RFR900-NX4S	EF400		✓	NA, LATAM, APAC
IDHS-RFR900-NX5S	EF500		✓	NA, LATAM, APAC
IDHS-RFR900-NX5R	EF500R		✓	NA, LATAM, APAC
IDHS-RFR900-WX4S	EF400		✓	EMEA
IDHS-RFR900-WX5S	EF500		✓	EMEA
IDHS-RFR900-WX5R	EF500R		✓	EMEA

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Specifications

Dimensions:

127.9 x 70 x 146.2mm
5.04 x 2.8 x 5.8in

Weight:

328g
11.6oz

RFID Performance:

Read Rate: Up to 900+ tags/sec
Read Range: 20+ft/ 6+m

Pairing:

Bluetooth, Batch Mode (Physical interface for Bluebird EF Series & iOS devices)
Compatible Bluebird Host Devices:
EF400, EF500, EF500R

Ruggedness:

1.2m (4ft) drop per MIL-STD 810G
IP54 Sealing

Battery:

3.64v, 3,050mAh

Regulatory

EMC: EN 301 489-1, EN 301 489-3,
EN 301 489-17, EN 61000-3-2,
EN 61000-3-3

Electrical Safety

EN 60950-1, EN 50566, EN 62479,
EN 62209-1, EN 62209-2 IEEE 1528

RF Exposure

EN 300 328, EN 302 208, EN 302
208-2

Certification

CE2200, WEEE, RoHS, FCC, KC,
CCC, SRRC, ANATEL, PSE, JMIC,
ICASA, NCC, CONATEL



Product Accessories	EF500R	EF500R	EF400
IDHX-25000	Series 4 Slot Cradle Adapter (9V/10A)	Series 4 Slot Cradle Adapter (9V/10A)	Series 4 Slot Cradle Adapter (9V/10A)
IDHX-602010001	Universal 1 Slot Cradle AC Power Adapter	Universal 1 Slot Cradle AC Power Adapter	Universal 1 Slot Cradle AC Power Adapter
IDHX-14514	US AC Power Cord	US AC Power Cord	US AC Power Cord
IDHX-605010008	1 Slot Cradle (Charges 1 EF500R + 1 Extra Battery)		
IDHX-605020012	Slot Cradle (Charges 4 EF500R + 4 Extra Battery)		
IDHX-24543		4 Slot Cradle (Charges 4 EF500 + 4 Extra Battery)	
IDHX-24545		1 Slot Cradle (Charges 1 EF500 + 1 Extra Battery)	
IDHX-605020001			4 Slot Cradle (Charges 4 EF400 + 4 Extra Battery)
IDHX-605010005			EF400 1 Slot Cradle (Charges 1 EF400 + 1 Extra Battery)