



RoadRunners Evolution 2D

Designed for applications where form factor, weight and autonomy are key



- Highly performant on very small and dense 2D barcodes
- Superior Imager reading quality, can decode barcodes on screens
- Huge battery autonomy
- Bluetooth Class 1 (up to 100 meters)
- Real-time clock : ideal for proof of visit or time management
- Withstand multiple drops onto concrete with its protective boot
- Interfaces with a large variety of Bluetooth[®] devices : PDA / mobile phone / laptop / tablet PC...

- Transportation
- Pharmacy and Medical Applications
- E-Ticketing
- Parcel Delivery

BRR-FS Specifications

COMMUNICATION

Bluetooth® 2.0 + EDR
Class 1 (100m)
SPP profile
Modes : Slave or Master

USER INTERFACE

2 tricolor LEDs (green, orange, red)
Buzzer (85 dBA)

USING MODES

Real Time With or without "No Data Loss" mode
Batch 20,000 UPC codes capacity
Flash Memory 1 MByte

Real time clock to timestamp captured data can be activated

SCAN ENGINE

Reading technology CMOS / Imager (IT5180SF Honeywell)
Reading distance 5 to 22 cm (2 to 8.6 in)
Scan angle 40°

READING MODES

Trigger Possibility to switch ON beam via Bluetooth®
Autoscan Beam always on
Smart Autoscan Save power consumption

No duplicate scan available function

DECODING CAPABILITIES

Linear barcodes Code 2 of 5 standard, Code 2 of 5 industrial
Codabar / Monarch, Code 39, Interleaved 2 of 5,
Code 93, Code 11, Code 2 of 5, IATA Code 2 of 5,
Matrix 2 of 5, UCC / EAN 128, UPC-E
Code 128, UPC-A,
GS1 Databar Omnidirectionnel (ex-RSS-14)
GS1 DataBar Stacked Omnidirectionnel (RSS-14 Stacked)
GS1 DataBar Expanded (RSS expanded)
GS1 DataBar Expanded Stacked (RSS Expanded Stacked)
GS1-128 (UCC / EAN 128)

Stacked barcodes Code49, PDF417,
Micro PDF417
Codablock.

Postal barcodes Postnet, PosiCode, Planet Code, Canadian post,
Kiw (Netherlands) Post, Japanese Post,

Matrix barcodes QR Code, DataMatrix, MaxiCode, Aztec Code
Australian Post, British Post, Code 16K,
Korea Post, Telepen, China Post

POWER

Battery 1 X 2200 mAh Li-ion rechargeable
Autonomy 15,000 scans
Charging time 4 hours for a full charge
2h30 for a charge at 80%

PHYSICAL

Length 4,84 in (123 mm)
Width 2,05 in (52 mm)
Height 1,3 in (33 mm)
Weight 4,9 oz (138g)

ENVIRONMENT

Operating temperature -10°C - +40°C (14°F - +104°F)
Storage temperature -10°C - +60°C (14°F - +140°F)
Operating humidity 5 - 95% (Non condensing)
Shock Several 6ft (2 m) drops onto concrete
(with protective boot)
Ambient light Full darkness to sunlight

General features

Ideal for mobile applications

RoadRunners Evolution 2D has a slick design, is small and lightweight (fits neatly in one hand and can be easily attached to a belt via the key retractable reel accessory).

- Very reliable, efficient, durable.
- Thanks to its PDA stylus, BRR-FS Evolution can also be used as a stylus on PDA.

Rugged product

RoadRunners Evolution 2D, with its 3 mm of plastic casing protected by an additional layer of elastomer and the optional protective boot, is particularly adapted to harsh environments and remain fully functional even after multiple drops on concrete.

Extremely durable battery

BRR-FS Evolution can read more than 15,000 barcodes over 48 hours of continuous use.

Battery monitoring : Check in real time the battery status of the reader on your mobile device

Superior reading quality

Can decode damaged or low quality barcodes

"No Data Loss" mode and Auto-Reconnection

When RoadRunners is connected to a host, scanned barcodes are

memory until they are acknowledged by the application.

If you scan barcodes out of the radio range, they will be stored in memory and automatically downloaded when getting back into range.

Timestamp

Associate a date and a time to the reading of the tag

Batch mode

This mode enables the RoadRunners Evolution 2D to store up to 20,000 UPC barcodes with timestamp.

Intuitive user interface

- Same button to switch on, connect and scan barcodes.
- Multi color led for connection and battery status.
- Sound beeps for successful scanning (loud volume option available for noisy environment).

Platforms compatibility

Baracoda provides you with an easy-to-use middleware (BaracodaManager) and SDK to ease the integration on the following mobile platforms: PC (including Windows 7); PPC 2002/2003 WM5 / WM6; Windows phone; CE.NET; Symbian series 9 (mobile phones) and Java phones (BlackBerry and JSR82)

Plug and Scan Solutions

For instant replacement of corded scanners, Baracoda supplies advanced Bluetooth Serial (RS232) and USB adapters with its wireless scanners. Just plug & scan - there is no need for driver installation.

Package content

- 1 Scanner with rechargeable battery
- 1 PDA stylus
- 1 Charger (5V, 500mA)
- 1 CD with all the documentation and software needed

Available Accessories



Protective boot



Key retractable reel



Holster



Cradle

Only to be used
with RoadRunners
AND Protective Boot



Car Charger



Neck Lanyard