



# RoadRunners - BRR-L 1D Version

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



- Superior reading quality CMOS linear imager up to 200 scans per second
- Huge battery autonomy : more than 30,000 scans
- 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
- Internal memory available for Batch mode
- Interfaces with a large variety of Bluetooth® devices : PDA / mobile phone / laptop / tablet PC...

- Field Services
- Parcel Delivery
- Asset Tracking
- Merchandising

# BRR-L Specifications

## STANDARD - REGULATORY

Bluetooth® 1.2  
Gap & SPP profiles. CE - FCC - Bluetooth certified

## USER INTERFACE

Two tricolors LEDs (Orange, Green and Red)  
Buzzer (85dBA)

## BLUETOOTH RANGE

Class 1: up to 330 ft (100m)

## OPERATING MODES

Real Time (with or without timestamp)  
Batch (with or without timestamp): more than 10,000 UPC barcodes, Flash Memory 1 Mbyte.

## SCAN ENGINE

Reading technology CMOS  
Reading distance 1.5 to 19 in (4 to 50 cm)  
Scan rate 200scans/s  
Scan angle 40°

## READING MODE

Trigger  
Autoscan (True and Smart option)

## DECODING CAPABILITIES

Supported Symbolologies Code93 - Code128/EAN128 - EAN13/UPCA - EAN8 - Code39 - Codabar - UPCE - Interleaved 2 of 5 - Standard 2 of 5 - Code 11 - MSI

## POWER

1 X 2000 mAh Li-ion rechargeable  
Battery autonomy : more than 30,000 scans

## PHYSICAL

Length 4,76 in (121 mm)  
Width 1,61 in (41 mm)  
Height 1,25 in (32 mm)  
Weight 4,9 oz (140g)

## ENVIRONMENT

Operating temperature 32°F (0°C) - 104°F (40°C)  
Storage temperature 14°F (-10°C) - 140°F (60°C)  
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 mobility applications:

- BRR-F has a slick design, is small and lightweight (Fits neatly in one hand and can be easily attached to a belt via the key reel accessory).
- Very reliable, efficient, durable.
- Thanks to its PDA stylus, BaracodaRoadRunners can also be used as a stylus on PDA.

### Rugged product

RoadRunners, with their 3 mm of plastic casing protected by an additional layer of elastomer and the optional protective boot, are particularly adapted for harsh environments and remain fully functional even after numerous drops on concrete.

### Extremely Durable batteries

BRR-F delivers more than 10,000 scans over 48 hours of continuous use.

Battery monitoring possible: Visualise in Real Time from the Mobile Device the battery level status of the RoadRunners (Fuel Gauge)

### Superior reading quality

Can complete 240 scan per second and decode damaged or low quality barcodes. Thanks to its HD technology, it is very aggressive on very small 2D barcodes.

### No data loss mode and Auto Reconnection:

When RoadRunners are connected to a host, scanned barcodes are transmitted in real time to this host. Barcodes are stored within internal 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.

### Internal Time clock

Every barcode can be Date and Time stamped.

### Batch mode:

If used in batch mode, RoadRunners can store up to 10000 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 a user-friendly middleware (BaracodaManager) and also supplies developers with state of the art APIs to ease the integration platforms: PC ; PPC 2002/2003; WMS; CE.NET; Palm OS, Symbian serie 6 (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 batterie
- 1 PDA stylus
- 1 Charger (5V, 500mA)
- 1 CD with all the documentation and software needed.

## Available accessories



### Protective boot:

The protective boot is made of lightweight, flexible elastomere, and slips easily over the scanner.



### Key retractable reel

key retractable reel will allow the users to get both hands free while carrying the scanner



### Cradle

An ideal professional charging station. Only to be used with RoadRunners AND protective boot