



# BCM2604-F 2D Imager

For applications requiring long range transmission  
and 2D barcode reading



- Very performant on very small and dense 2D barcodes
- Superior Imager reading quality, can decode damaged barcodes
- Visible & Audible Indicators
- Instantly connected with Baracoda's Plug&Scan connectivity solution.
- Easy setup & configuration with BaracodaManager software
- Bluetooth Class 1 enables long (up to 330 ft, 100m) and secure transmission

- Factory
- Warehousing
- Manufacturing
- Inventory Management

# BCM2604-F Specifications

## STANDARD - REGULATORY

Bluetooth® 1.2  
Gap & SPP profiles  
CE - FCC - Bluetooth qualified  
Class 1 Laser Product

## USER INTERFACE

Green LED  
Buzzer

## BLUETOOTH RANGE

Class 1: 230ft - 330 ft (70m - 100m)

## OPERATING MODES

Real Time  
Master

## SCAN ENGINE

Reading technology Imager  
Reading distance 2 to 7 in (5 to 18 cm)  
Scan angle 40°

## DECODING CAPABILITIES

Linear Barcodes Codabar, Code 39, Interleaved 2 of 5, Code 93, Code 2 of 5, IATA Code 2 of 5, Matrix 2 of 5, Code 11, Code 128, Telepen, UPC A, UPC-A/EAN-13 with Extended Coupon Code, EAN/JAN 13, EAN/JAN 8, MSI, Plessey Code, RSS-14, RSS Limited, RSS Expanded, PosiCode A and B.

Stacked Barcodes Code49, Code 16K, PDF417, Micro PDF417, EAN/UCC composite codes, RSS stacked and composite, Trioptic, TLC39, Codablock F

Postal Barcodes Postnet, Planet Code, British Post, Canadian Post, Kix (Netherlands)Post, Australian Post, Japanese Post, China Post, Korea Post.

Matrix Barcodes QR Code, Data Matrix, MaxiCode, Aztec Code

## POWER

2 x AAA NimH - 2100 mAh rechargeable  
Battery life: about 4000 scans

## PHYSICAL

Length 5.63 in (143 mm)  
Width 3.10 in (78.8 mm)  
Height 6.08 in (154.5 mm)  
Weight 6.35 oz (180 g) without batteries

## 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 3.3ft (1m) drops onto concrete  
Ambient light Full darkness to sunlight

## General features

### 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.

### One click connectivity and Auto-Reconnection:

Just switch on your scanner or just come back within the Bluetooth range of your host device to get connected! The connection process, thanks to the BaracodaManager or thanks to the Plug&Scan dongles, is automatic and completely transparent to the user.

### Auto Reconnection:

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

### Intuitive user interface:

- Only one button to switch on, connect and scan barcodes
- Multi color led for connection and battery status
- Sound beeps for successful scanning.

### Platforms compatibility:

Baracoda provides users with user-friendly software (BaracodaManager) and provides developers with state of the art APIs to ease the integration on the following mobile platforms:

- PC
- PPC 2002/2003; WM5; CE.NET; Palm OS
- Symbian and Java Mobile Phones + RIM (Blackberry)
- Most Bluetooth devices (printers, access points, ...)

### Plug and Scan Solution :

Real Plug & Scan solution with Baracoda Serial Dongle (compatible with all devices equipped with a RS232 port) and Baracoda USB Plug&Scan Dongle. Just plug it into your host, read the related pairing barcode and use it. The easiest way to use a Bluetooth scanner.

## Package Content

1 BCM2604-F  
2 rechargeable batteries  
1 Charger  
1 CD with all the documentation and software needed.

## Available accessory



### Protective boot:

The protective boot for the 2604 Serie is made of ruggedised high density foam. It is made by two separate units -one covering the hood and the second covering the base of the handle of the scanner- linked together by an elastic rope. While the protective boot does add some bulk to the scanner, its shock protection value compensates for this size increase. The protective boot also offers a small ring that can be attached to a lanyard or a retractable badge reel. It is ideal for mobile workers who need a rugged product.