



BL 2604 Laser Scanner

For Industrial applications where aggressive scanning and wireless long range transmission are key



- Superior reading quality optimised for logistics applications.
- Gun shaped form factor: ideal for intensive scanning requirements
- Bluetooth Class 1 enables long (up to 100m) and secure transmission.
- Instantly connected to your host thanks to Baracoda's Plug&Scan connectivity solution.
- Easy setup & configuration with BaracodaManager software
- Visible & Audible Indicators for noisy environments

- Factory
- Warehousing
- Manufacturing
- Inventory Management

BL2604 Specifications

STANDARD - REGULATORY

Bluetooth® 1.1
 Gap & SPP profiles.
 CE - FCC - Bluetooth certified.
 Class 1 Laser product.

USER INTERFACE

Tri Color LED - Buzzer

BLUETOOTH RANGE

Class 1: up to 300 ft (100m)

OPERATING MODES

Real Time
 Master
 Batch (1000 UPC barcodes, Flash Memory 64Kbytes)

READING MODES

Autoscan
 Trigger

SCAN ENGINE

Reading technology Laser
 Reading distance 2 to 27 in (5 to 70 cm)
 Scan rate 42 scans/s
 Scan angle 46° (+/- 2°)
 Light source laser 650 nm

DECODING CAPABILITIES

Supported Symbologies UPC-A/E, EAN-8/JAN-8, EAN-13/JAN-13, EAN128, Code 32, Full ASCII code 39, code 39, code 93, Interleaved 2 of 5, industry 2 of 5, Codabar, Code 128, Chinese Postcode, IATA and MSI/Plessey code.

POWER

2 x AA NimH - 2100 mAh rechargeable
 Battery life: up to 8 000 scans

PHYSICAL

Length 5.63 in (143 mm)
 Width 3.10 in (78.8 mm)
 Height 6.08 in (154.5 mm)
 Weight 6.08 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% (No condensing)
 Shock Several 3.3ft (1m) drops onto concrete
 Ambient light Full darkness to sunlight

SCAN ENGINE TYPICAL PERFORMANCE

Label Density	Range	
5 Mil	3.0 - 5.0°	7.6 - 12.7 cm
7.5 Mil	2.5 - 8.5°	6.4 - 20.3 cm
10 Mil	2.0 - 11.0°	5.1 - 27.9 cm
13 Mil	2.0 - 15.0°	5.1 - 38.1 cm
20 Mil	up to 21.0°	up to 53.3 cm
55 Mil	up to 40.0°	up to 101.6 cm

General features

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.

One product, two modes:

The scanner can be used in the Real Time Mode or Batch Mode:

- Real time mode will send barcodes while scanning.
- Batch mode will store barcodes on the scanner and the user will upload them when needed.

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 BL 2604
- 2 rechargeable batteries
- 1 Charger
- 1 CD with all the documentation and software needed.

Available accessory



Protective boot and key retractable reel:

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 key retractable reel. It is ideal for mobile workers who need a rugged product.