



# **BLR 2604** Long Range Laser Scanner

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



- Superior Long Range barcode scanner
- Designed for intensive scanning applications
- Bluetooth Class 1 enables long (up to 100m) and secure transmission
- Instantly connected with Baracoda's Plug & Scan connectivity solution.
- Easy setup & configuration with BaracodaManager software
- Visible & Audible Indicators for noisy environments

- Factory
- Warehousing
- Manufacturing
- Inventory Management

# BLR2604 Specifications

## STANDARD - REGULATORY

Bluetooth® 1.1  
Gap & SPP profiles  
CE - FCC - Bluetooth certified

## USER INTERFACE

Bi Color LED  
Buzzer

## BLUETOOTH RANGE

Class 1: up to 330 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 10 in to 19 ft - Up to 21 ft (6 meters) with reflective barcodes  
Scan rate 35 scans/s  
Scan angle 30° (+ / - 2)

## 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 AAA NimH - 2100 mAh rechargeable  
Battery autonomy: up to 8 000 scans

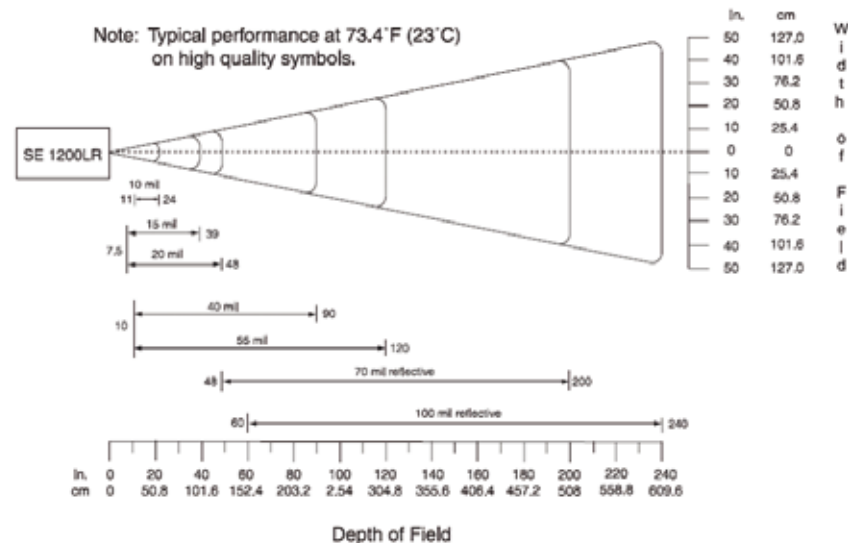
## PHYSICAL

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% (Non condensing)  
Shock Several 3.3ft (1m) drops onto concrete  
Ambient light Full darkness to sunlight

## SCAN ENGINE TYPICAL PERFORMANCE



## 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 BLR 2604
- 2 rechargeable batteries
- 1 Charger
- 1 CD with all the needed documentation and software

## 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.