

Baracoda ToughRunners

Rugged hand scanner for most demanding environments

- CMOS, Laser and Laser Long Range scan engines for various environments
- Ergonomic torch-shaped design for accurate barcode aiming
- Bluetooth Class 1 (up to 100 m)
- Perfectly suitable for industrial environments : IP54 or IP65 and it resists to multiple drops onto concrete
- Comprehensive scanning indicators : LED, beeper and vibrator
- Huge battery autonomy : over 80,000 scans



The ToughRunners is a torch shaped, rugged and ergonomic barcode scanner, dedicated to industrial logistics and warehousing applications.

Its ergonomic design allows a easy handling and facilitates scanning operations in harsh environments for traceability applications in warehouse e.g stock management, work-in-progress, parcel receipt, ...

This rugged scanner resists several drops onto concrete and its form factor allows a fast and accurate barcode scanning, for an increased efficiency.

Perfectly adapted to rugged conditions, it remains a light and easy-to-use reader. This is an ideal tool for every applications requiring mobility in warehouse.

The ToughRunners is easy to integrate. It is compatible with Baracoda Plug & Scan offer: the user simply plugs the USB or serial Plug & Scan dongle into the host and reads the selected pairing barcode. No other settings are required to be immediately operative. It is also compatible with BaracodaManager software tools from Baracoda.

Main 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.

Intuitive user interface:

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

Platforms compatibility:

Baracoda provides users with BaracodaManager and SDK to ease the integration on the following mobile platforms:

- Windows XP and Vista
- Windows Mobile; .NET; Palm OS
- Symbian Mobile Phones + RIM (Blackberry)

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.

Baracoda ToughRunners Technical Specifications

STANDARDS

Bluetooth 1.2

SUPPORTED INTERFACES

Plug & Scan RS232, Plug & Scan USB Standard Dongle

RADIO RANGE

Class 1 : up to 100 meters

USER INTERFACE

Beeper 80 dB(A)
LED Tricolour
Vibrator

USING MODE

Real time

READING MODE

Switch, Autoscan, Remote application

PHYSICAL

Length 192 mm
Width 56 mm
Height 49 mm
Weight 170 g

ENVIRONMENT

Operating temperature 0°C - 50°C*
Storage temperature -10°C - +60°C
Humidity 15 - 95%
Shoc 10 drops onto concrete (1.50 meters)
Sealing IP54 (IP65 for Extreme version)
Electrostatic discharge 20 kV air discharge and 8 kV of contact discharge

* Available in Extreme version (-30°)

ENERGY

Battery Li-on
Capacity 720 mAh
Charging time 3h for a full charge
Battery autonomy over 80,000 scans (1 scan/ 3sec)

CRADLE

Power supply 4,5V - 5,5 Volts
Voltage 260 mA to 5V

REGULATORY

Input Transient Protection IEC 1000-4 - (2,3,4,5,6,11)
EMI/RFI European Union EMC Directive
Laser safety IEC825-1 class 2

Content

- 1 Baracoda ToughRunners scanner
- 1 charger
- 1 CD of software documentation

DECODING CAPACITIES

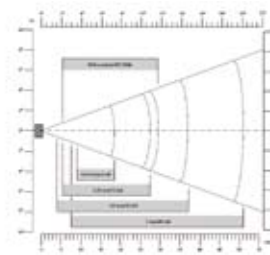
Supported symbologies Code 2 of 5 (standard and interleaved), Matrix 2 of 5
IATA Code 2 of 5, Codabar/ Monarch, Code 128
Code 39, Code 93, UPC-A, UPC-E,
EAN 8/EAN 13, JAN 8/JAN13, MSI, PLessey

SCAN ENGINE

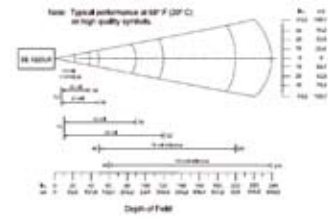
	BTR-L	BTR-LA	BTR-LR
Reference	EV15	SE1200HP	SE1200LR
Reading technology	CMOS	Laser	Laser
Reading distance	6 to 27 cm (see decoding area) 200 scans/ sec	11 to 26 cm	up to 6m
Scan rate		35 scans/ sec	35 scans/ sec
Scan angle	40°	53°	30°

LIGHT

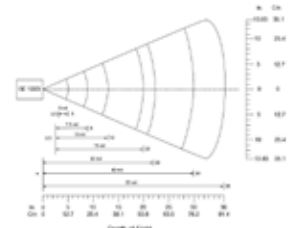
0 to 100 000 lux 4844 to 86112 lux 4844 to 86112 lux



BTR-L



BTR-LR



BTR-LA

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About Baracoda

Baracoda is the world's leading manufacturer of Bluetooth wireless barcode readers and RFID solutions. The company promotes the development of data capture solutions for both Mobile and In Premise applications in the retail, healthcare, transportation and logistics industries as well as for all real-time traceability applications. Cutting-edge technology is the core of our products and solutions. Baracoda has made Bluetooth an industrial-strength data communication solution, with specific skills in the management of power consumption, security, and the interoperability of systems. Baracoda's added value lies in our ability to provide customers and partners with appropriate, reliable, and extremely competitive solutions suitable for all wireless environments. For more information, visit <http://www.baracoda.com>.

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