



# ToughRunners

Performing under all Conditions !



- CMOS, Laser and Laser Long Range scan engines for various environments
- Ergonomic torch-shaped design for accurate barcode aiming
- Bluetooth Class1 (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

- Goods in - Goods out
- Stock Management
- Extreme Conditions
- Inventory Management

# ToughRunners Specifications

## STANDARDS

Bluetooth 2.0 + EDR

## 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 6 oz (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 Xtrem version)  
Electrostatic discharge 20 kV air discharge and 8 kV of contact discharge

\* Available in Xtrem version (-30°)

## ENERGY

Battery Li-ion  
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

## REGULATOR

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

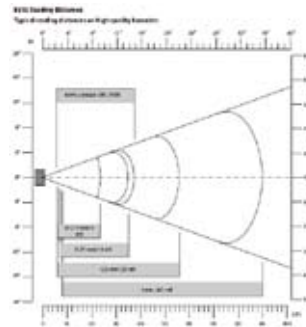
Code 2 of 5 (standard and interleaved), Matrix 2 of 5  
IATA Code 2 of 5, Codabar/ Monarch, Code 128  
Code 39, Code 93, UPC-A, UPC-E,  
EAN 8/EAN 13, JAN 8/JAN13, MSI, PLessey

## SCAN ENGINE

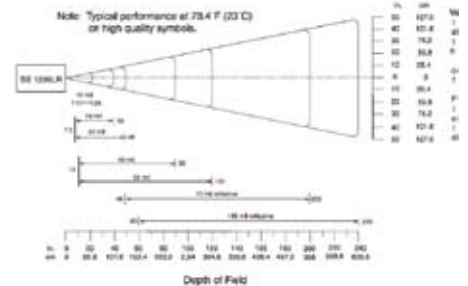
	BTR-L	BTR-LA	BTR-LR
Reference Reading technology	EV15 CMOS	SE1200HP Laser	SE1200LR Laser
Reading Distance	4 to 31 in 10 to 80 cm	4 to 55 in 10 to 140 cm	10 to 90 in 25 to 270 cm
Scan rate	200 scans/ sec	35 scans/ sec	35 scans/ sec
Scan angle	40°	42°	30°

## LIGHT

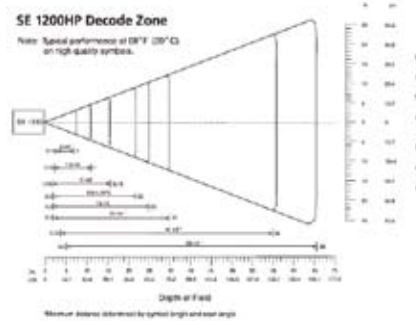
0 to 100 000 lux 4844 to 86112 lux 4844 to 86112 lux



BTR-L



BTR-LR



BTR-LA

## 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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