



# ToughRunners Xtreme

Performing under all Conditions !



- Dedicated to harsh and severe cold environments (up to -30°C/-22°F) : food, refrigerating sector,...
- Ergonomic torch-shaped design for accurate barcode aiming
- Bluetooth Class1 (up to 100 m)
- IP65, it resists to multiple drops onto concrete
- Comprehensive scanning indicators : LED, beeper and vibrator
- Huge battery autonomy : over 15,000 scans

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

# ToughRunners Xtrem Specifications

## STANDARDS

Bluetooth 2.0

## SUPPORTED INTERFACES

Plug & Scan RS232, Plug & Scan USB  
Standard Dongle

## RADIO RANGE

Class 1 : up to 330 ft (100 meters)

## USER INTERFACE

Buzzer 80 dB(A)  
LED Tricolour (Red, Green, Blue)  
Vibrator yes

## USING MODES

Real time  
No Data Loss mode with buffer (up to 100 UPC codes)

## READING MODES

Switch  
Laser Beam ON via Bluetooth  
Manual Autoscan  
"No duplicate scan" mode option

## PHYSICAL

Length 7.5 in (192 mm)  
Width 2.2 in (56 mm)  
Height 1.9 in (49 mm)  
Weight 6 oz (170 g)

## ENVIRONMENT

Operating temperature -22°F - +122°F (-30°C - +50°C)  
Storage temperature -22°F - +140°F (-30°C - +60°C)  
Humidity 15 - 95%  
Shock 10 drops onto concrete (59 in / 1.50 meters)  
Sealing IP65  
Electrostatic discharge 8 kV air discharge and 4 kV of contact discharge

## ENERGY

Battery Li-ion  
Capacity 720 mAh  
Charging time 4h for a full charge  
Battery autonomy over 15,000 scans (1 scan/ 3 sec)

## CRADLE

Power supply 4.5V - 5.5 Volts  
Voltage 260 mA to 5V

## REGULATOR

CE, FCC part 15, Bluetooth

## DECODING CAPACITIES

Supported symbologies Code 2 of 5 (standard and interleave)  
ATA Code 2 of 5, Codabar/ Monarch, Code 128  
UCC / EAN 128, Code 39, Code 93, UPC-A, UPC-E,  
EAN 8/EAN 13, JAN 8/JAN13, ISBN, MSI, PLessey  
GS1-128 (UCC/EAN-128)

## SCAN ENGINE

	BTR-LX	BTR-LAX	BTR-LRX
Reference	EV15 (Intermec)	SE1200HP (Motorola)	SE1200LR (Motorola)
Reading technology	CMOS	Laser	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 230 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

