# ULTRA-RUGGED CORDLESS Barcode Scanner
# MODEL: RM 1802

**RHINO MOBILITY RM1800 ULTRA-RUGGED SCANNER, 2M DROP TO CONCRETE HEIGHT, IP64**
**Extreme Performance**
**Wireless 433MHZ Radio Band up to 150M**



## Erganomic design

comfortable grip, soft lighting and accurate reading system, help reduce the operator is daily fatigue,and improve work efficiency.

## High performance scanning

2D scanning engine with accurate and fast scanning performance, nit only can accurately read the barcodes on paper and commodities, but also has superior reading ability for barcodes displayed on various screens to meet the high-end scanning performance requirements.

## Radio Band connections

wireless 433MHZ Radio Band up to 150M is a perfect combination of high-performance long-distance connection technology making scanning easily and freely; Support Cradle USB communication, plug and play.

## Diverse scanning feedback

With a highlight buzzer, LED indicator and motor vibration, scanning actions can be clearly indicated even in noisy environments.

# Specification

## Basic characteristics

| | |
|---|---|
| Light Source | Aiming pattern: Square 617nm Red LED |
| Illumination | 6500K LEDs |
| Image sensor | 840*480 Pixels |
| Minimum Print Contract | 20% |
| Skew/Pitch/Roll | Pitch: ±65° |
| | Roll: 0-360° |
| | Skew: ±60° |
| Indicators | Beeper, LED |
| Scan pattern | Manually trigger(standard) |
| Motion tolerance | 63.5CM/S |
| Scan speed | 500Scan/Sec |

## Decode Capabilities

| | |
|---|---|
| 1D | EAN-8, EAN-13, Coda bar, CODE 39, CODE 93, CODE128, China Post, GS1-128, UPC-A, UPC-E, UCC/EAN 128, ISBN/ISSN, ISBT, Interleaved 2 of 5, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI, RSS, ITF14, Telepen, etc. |
| 2D | QR Code, Micro QR Code, Data Matrix, PDF 417, Micro PDF417, Maxi code, Aztec, Hanxin, etc. |

## Decode Range (Typical)

| | |
|---|---|
| 5mil(code39) | 1.1-6.5 in.2.8-16.5cm |
| 13mil (UPC-A) | 0.5-9.7in.1.3-24.6cm |
| 20mil (QR Code) | 0.5-15.2in.1.3-38.6cm |
| 6.8mil (PDF417) | 0.9-7in.2.3-17.8cm |
| 10mil (Data matrix) | 1.1-7.5in.2.8-19.1cm |
| Support Host Interfaces | RS232, USB USB-COM |

## Environmental

| | |
|---|---|
| Operating Temperature | -20°C to 50°C(-4~122°F) |
| Storage Temperature | -40°C to 80°C (-40~176°F) |
| Humidity | 5% to 95% (non-condensing) |
| Drop/Tumble | Designed to withstand 50 |
| Drops on concrete from | 2M |
| Light Levels | 100000Lux Max |
| IP | 64 |

## Wireless Features

| | |
|---|---|
| Communication Distance 433MHz Radio Band | up to 150M |
| Accessories | Charging cradle |

## Electrical parameter

| | |
|---|---|
| Battery | 2200mAh |
| Charging Times | less than 2 hours |
| Standby Times | more than 30 days |
| Operation Times | more than 140.000 scan on a single charge |



**RHINO** MOBILITY
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