



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 50M



Ergonomic 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, not 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.

Multiple 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. Bluetooth V4.2

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: $\pm 65^\circ$ Roll: 0-360° Skew: $\pm 60^\circ$
Indicators	Beeper, LED
Scan pattern	Manually trigger(standard)
Motion tolerance	63.5CM/S
Scan speed	500Scan/Sec

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

Wireless Features

Communication Distance	up to 50M
Accessories	Charging cradle

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
 Datamatrix; Inverse Datamatrix; Datamatrix is configurable for the following parameters;Normal or Inverted; Square or Rectangular Style;Data length (1 - 3600 characters); Maxicode; QR Codes (QR, Micro QR and Multiple QR Codes); Aztec;Postal Codes - (Australian Post; Japanese Post; KIX Post; Planet Code; Postnet; Royal Mail Code (RM45CC); Intelligent Mail Barcode (IMB);Sweden Post; Portugal Post); LaPoste A/R 39; PDF-417;MacroPDF; Micro PDF417; GS1 Composites (1 - 12); French CIP13a;GS1 DataBar Stacked GS1 DataBar Stacked Omnidirectional;GS1 DataBar Expanded Stacked;GS1 Databar Omnidirectional;Chinese Sensible Code; Inverted 2D codesb

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

Electrical parameter

Battery	1800 mAh
Charging Times	less than 2 hours
Standby Times	more than 30 days
Operation Times	more than 60.000 scan on a single charge

