



ULTRA-RUGGED Barcode Scanner

Model: RM1800

RHINO MOBILITY RM1800 ULTRA-RUGGED SCANNER, 2M DROP TO CONCRETE HEIGHT, IP 54
Extreme Performance
2D Scanner Engine CMOS 640*480 Pixels
Scan Speed: 500 Scan/Sec



Ergonomic design

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

Diverse scanning feedback

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

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.

Specification

Basic characteristics

Dimension	16.5cm*6cm*8.4cm
Color	black
Weight	382g (without cable)
Light Source	Aiming pattern: Square 617nm Red LED
Illumination	6500K LEDs
Image sensor	640*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), Presentation Mode(Blink)
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
Accessories	Stand



Decode Capabilities

UPC/EAN/JAN (A, E, 13, 8);UPC/EAN/JAN (including P2 /P5);
UPC/EAN/JAN (including; ISBN / Bookland & ISSN);
UPC/EAN Coupons; Code 39 (including full ASCII);
Code 39 Trioptic;Code39 CIP (French Pharmaceutical);
LOGMARS (Code 39 w/ standard check digit enabled);
Danish PPT;Code 32 (Italian Pharmacode 39);Code 128;
Code 128 ISBT;Interleaved 2 of 5;Standard 2 of 5;
Interleaved 2 of 5 CIP (HR);Industrial 2 of 5;Discrete 2 of 5;
Matrix 2 of 5;IATA 2of5 Air cargo code;Code 11;Codabar;
Codabar (NW7);ABC Codabar;EAN 128;Code 93;MSI;
PZN;Plessey;Anker Plessey;GS1 DataBar Omnidirectional;
GS1 DataBar Limited;GS1 DataBar Expanded;
GS1 DataBar Truncated;DATABAR Expanded Coupon

1D

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 Composites;Chinese Sensible Code;
Inverted 2D codesh

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	10000Lux Max
IP	54