



RHINO MOBILITY

2D+OCR Passport Scanner

Model: Passport RM1960

RHINO MOBILITY RM1960 ULTRA-RUGGED SCANNER, 2M DROP TO CONCRETE HEIGHT, IP 54
Extreme Performance

2D+OCR Passport Scanner Engine CMOS 1280*800Pixels



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 +OCR Passport 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 | Gray |
| Weight | 382g (without cable) |
| Light Source | Aiming pattern: Square 617nm Red LED |
| Illumination | 6500K LEDs |
| Image sensor | 1280*800pixels |
| Minimum Print Contract | 15% |
| 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 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**
- OCR Pasport
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
- 2D**

Decode Ranges (Typical)6

| Symbology/Resolution | Near/Far |
|----------------------|-----------------------------------|
| Code 39: 3 mil | 2.2 in./5.6 cm to 5.0 in./12.7 cm |
| Code 39: 20 mil | 0 in./0 cm to 36.8 in./93.5 cm |
| Code 128: 3 mil | 2.6 in./6.6 cm to 4.5 in./11.4 cm |
| Code 128: 5 mil | 1.6 in./4.1 cm to 8.4 in./21.3 cm |
| Code 128: 15 mil | 0 in./0 cm to 27.1 in./68.8 cm |
| PDF 417: 5 mil | 2.3 in./5.8 cm to 6.4 in./16.3 cm |
| PDF 417: 6.7 mil | 1.8 in./4.6 cm to 8.5 in./21.6 cm |
| UPC: 13 mil (100%) | 0 in./0 cm to 24.0 in./61.0 cm |
| Data Matrix: 7.5 mil | 2.1 in./5.3 cm to 6.9 in./17.5 cm |
| Data Matrix: 10 mil | 1.1 in./2.8 cm to 9.9 in./25.1 cm |
| QR: 20 mil | .1 in./3 cm to 17.6 in./44.7 cm |

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 | 54 |

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 | Iron Stand |

