1D Cordless Scanner RM1702
RHINO MOBILITY RM1702

- Excellent 1D scanning performance
- Captures Virtually All 1-D Bar Codes on any Surface Including Mobile Phone Displays
- Wide Working Range
- Superior Motion and Angular Tolerance
- Patent Pending Single Circuit Board Construction
- Bright Crisp Aiming Line
- Built-in Rechargeable Replaceable Battery
- Long Life Industrial Charging Contacts
- Compatible with 123Scan and Remote Scanner Management (RSM)
- Withstands 100+ Consecutive Drops to Concrete
- Multi Point-to-Point
- Batch Mode Operation
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- Flexible Mounting Vertical or Horizontal
- Bluetooth 2.1
- Backward Compatible

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The RM1702 takes 1-D bar code scanning to the next level, allowing workers to scan faster and farther. Workers can capture virtually any 1-D bar code ' including the typical bar codes that are printed on paper labels; electronic bar codes displayed on the screen of a mobile phone, tablet or computer that allows retailers to easily process loyalty cards, mobile coupons and more; and the high density (HD) bar codes commonly used in electronic component manufacturing. 100 percent UPC bar codes can be captured from near contact to over 30 in./76.2 cm away, while 200% UPC codes can be scanned at 55 in./139.7 cm away. Since bar codes can be captured at extreme angles, scanning is easier than ever,so workers spend less time maneuvering the scanner and more time on task. And an optional cradle that enables presentation mode gives your workers the flexibility to use the scanner in handheld and hands-free modes.

Built for All Day Everyday Use

A patent pending single circuit board improves reliability by eliminating interconnections.Superior battery power management delivers the largest number of scans per battery charge to support scan intensive applications. You can use it in dusty and wet environments. The scan line is easy to see outdoors in bright sunlight as well as indoors in dim lighting. It can survive drops to concrete. And both cradles can handle over a quarter million insertions.

Cost Effective Upgrade Path

The RM1702 provides a positive return on investment by utilizing the same existing cradles and accessories as its cousins, the RM1702 and RM1700. Current investments are preserved, yet you can easily migrate to the latest in scanning technology

Maximum Uptime For A Low Tco

Remote management tools combine with industry leading all-inclusive affordable service plans to keep devices in the hands of your workforce practically every minute of every working day, Service from the Start Advance Exchange Support provides next-business-day replacement of devices that require repair. Built-in Comprehensive Coverage protects your scanners from the unexpected, significantly reducing unforeseen repair expenses and delivering service peace of mind from the moment you purchase the device.

Cordless Freedom

Bluetooth frees workers from cords, allowing cashiers to easily scan items inside and outside of the cash wrap. In addition, Bluetooth v2.1 with EDR provides better encryption for improved security; better wireless performance; better energy management to preserve power for a full shift and easy pairing with the host devic

Specification

Performance Characteristics

Skew Tolerance	±65°
Pitch Tolerance	±65°
Roll Tolerance	±45°
Scan Pattern	Single bright aiming line
Scan Angle	Horizontal 35°
Scan Speed	547 scans per second
Motion Tolerance	25 in./ 63.5 cm per second
Min. Print Contrast	15% MRD
Scans Per Charge	Up to 57,000
Hours of Operatio	Per full charge: 72 hours
Light Source	LED Class 1 device 617nm (amber)

Wireless Connectivity

Radio Bluetooth	v2.1 Class 2 Radio
Data Rate	3.0 Mbit/s (2.1 Mbit/s) Bluetooth v2.1
Radio Range*	330 ft./100 m (line of sight)

*Using presentation cradle configuration

User Environment

Ambient Light Immunity	Max 108,000 lux
Operating Temp.	32° F to 122° F/ 0° C to 50°C
Storage Temperature	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 85% RH, non-condensing
Drop Specification	Over 100 drops at 5 ft./1.5 m at room temperature; survives 6ft./1.8 m drops to concrete
Environmental Sealing	IP53; Gasket sealed housing withstands dust and can be sprayed clean
Bar Code Symbologies	UPC/EAN: UPC-A, UPC-E, UPC-E1, EAN-8/JAN 8, EAN-13/JAN 13, Bookland EAN, Bookland ISBN Format, UCC Coupon Extended Code, ISSN EAN Code 128 Including GS1-128, ISBT 128, ISBT Concatenation, Code 39 including Trioptic Code 39, Convert Code 39 to Code 32 (Italian Pharmacy Code), Code 39 Full ASCII Conversion Code 93 Code 11 Matrix 2 of 5 Interleaved 2 of 5 (ITF) Discrete 2 of 5 (DTF) Codabar (NW - 7) Chinese 2 of 5 IATA Inverse 1-D (except all GS1 DataBars) GS1 DataBar including GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded

Physical Characteristics

Dimensions	3.84 in. H x 2.75 in. W x 7.34 in. L 9.8 cm H x 7 cm W x 18.6 cm L
Weight	7.9 oz./224 grams
Cradle Interface	RS232, RS485 (IBM), USB, Keyboard Wedge
Color	Black; White
Battery	Rechargeable replaceable battery with 'green sustainability'

Regulatory

Technical Requirements	EMC FCC Part 15 Class B, ICES 003 Class B, IEC 60601-1-2 Environmental RoHS Directive 2002/95 /EEC Electrical Safety C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, UL 60950- 1 LED Class 1
Environmental	RoHS Compliant

Decode Ranges (Typical)6

Symbology/Resolution	Near/Far	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 mi	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 mil1	.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	QR: 20 mil	.1 in./.3 cm to 17.6 in./44.7 cm
Data Matrix: 10 mil	1.1 in./2.8 cm to 9.9 in./25.1 cm		

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Model: RM 1702
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