



# 2D WIRED BARCODE SCANNER

## RM 1800

- With dustproof protection.
- Support USB, RS-232 and Virtual serial port.
- Ergonomic design, comfortable operating sense.
- Own technology, the firmware can be updated online.
- Plug and play, not need any driver, easy to operate.
- Read 1D and 2D screen barcodes on mobile and computer.
- Blue LED indicator and loud buzzer sound, can quick feedback reading recodes



### APPLICATION

Mainly used in business, payment, health care, tobacco, some industries, etc

- 1D
- 2D
- Quick reading
- Plug and play
- Two color indicator
- Automatic scan
- Anti seismic anti falling

### RM 1800 TECHNICAL SPECIFICATION

<b>OS</b> Windows iOS / Android	<b>Image Sensor</b> CMOS	<b>Image(Pixels)</b> 640 (H)*480 (v)pixels	<b>light source</b> Aiming: 625 nm LED; illumination:4000K LED	<b>Scan Mode</b> Handhand (Manual) / Handfree (Automatic)
<b>FPS</b> Frame Rate 30fps/s	<b>Scan accuracy</b> 4mil@ Code39	<b>Print Contrast</b> 20%	<b>Visual Indicator</b> Blue LED Light , Buzzer	<b>Interfaces</b> USB keyboard, USB virtual serial port, RS-232
<b>Scan Angle</b> Left and right ±55° Front and rear ±55° Rotate 360°	<b>Field of view</b> 45° horizontal, 34° vertical	<b>Transmission Mode</b> Wired Transmission	<b>Dimension L x W x H</b> 175*66*94 mm	<b>Weight</b> 183g with cable
<b>Cable</b> Standard 1.8M straight	<b>Case Material</b> ABS+PC TPU	<b>Power parameter</b> Input Voltage 5VDC±5% Working current 190mA Typical value Standby current 70mA	<b>Environmental parameters</b> Operating Temperature -20 ~+60 Working Humidity 5% to 95% relative humidity, non-condensing Storage Temperature -40 ~+70 Electrostatic protection ±8 kV Direct discharge Ambient brightness 0~100,000Lux Drop Resistance 2M IP IP52	
<b>Firmware Update</b> Computer online upgrade	<b>Safety regulations</b> CE (EN 55032:2015; EN 55035:2017), ROHS BIS EN62368-1:2014+A11:2017 FCC PART 15 CLASS B	<b>Scan distance</b> 20-200mm @ EAN 13mil PCS=100% 5-170mm @ QR 20mil PCS=100%		
<b>Decoding Capability</b> 1D UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32 (Italian Pharmacode) RSS-14 RSS-Limited RSS-Expand, etc. 2D: QR Code, Data Matrix, PDF417, Aztec, Maxicode Dotcode, GS1 DataBar stack, etc.				

### Optional configuration

- Scanner bracket  
Realize handfree scan