



# 2D DESKTOP BARCODE SCANNER

## RM4300

Own technology, the firmware can be upgraded online.  
 Can read screen bar codes such as mobile phones and computers.  
 USB and RS232 interface, can automatically match device, plug and play.  
 Unique shape design, rotatable base to meet many scanning applications.  
 Using the most advanced decoding algorithm, can decode most 1D and 2D  
 Blue and red LED indicator, double buzzer to adapt to various noisy environments.

### APPLICATION

Small chain supermarkets, convenience stores, franchised stores, payment, medical and health care, etc.

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



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### TECHNICAL SPECIFICATION

<b>OS</b> Windows iOS / Android	<b>Image Sensor</b> CMOS (Global exposure)	<b>Image(Pixels)</b> 640 (H)*480 (V) pixels	<b>light source</b> illumination: Warm color 3500K LED	<b>Motion tolerance</b> Max 2m/s
<b>FPS</b> Frame Rate 30fps/s	<b>Scan accuracy</b> 4mil@ Code39	<b>Print Contrast</b> 20%	<b>Visual Indicator</b> Red and Blue LED Light, Buzzer	<b>Interfaces</b> USB keyboard, USB virtual serial port, RS-232
<b>Scan Angle</b> Left and right ±60° Front and rear ±65° Rotate 360°	<b>Field of view</b> ≥53° horizontal ≥41° vertical	<b>Transmission Mode</b> Wired Transmission	<b>Dimension L x W x H</b> 100*82*150 mm	<b>Weight</b> 200g No with cable
<b>Cable</b> Standard 1.8M straight	<b>Case Material</b> ABS+PC	<b>Power parameter</b> Input Voltage 5VDC±5% Working current 190mA Typical value Standby current 90mA	<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> 0-160mm @ EAN 13mil PCS=100% 0-150mm @ 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.		OCR(Chinese ID card and some overseas national certificates)		
2D QR Code PDF417 Data Matrix, Aztec Maxicode Dotcode GS1 DataBar Stacked etc.				

