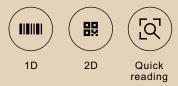# 2D DESKTOP BARCODE SCANNER

RM4900

Large window design, omni-directional scanning.

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 1Dand 2D.

Blue LED indicator, double buzzer to adapt to various nosy environments.

APPLICATION

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

1D	2D	Quick reading	Plug and play	Anti seismic anti falling

RM4900
TECHNICAL SPECIFICATION

OS Windows iOS / Android	**Image Sensor** CMOS (Global exposure)	**Image(Pixels)** 1280(H)*1024 (v)pixels
Frame Rate 60fps/s	**Scan accuracy** 4mil@ Code39	**Print Contrast** More than 25%
Scan Angle Left and right ± 60 ° Front and rear ± 65 ° Rotate 360 °	**Field of view** 48° horizontal 30° vertical	**Transmission Mode** Wired Transmission
Cable Standard 1.8M straight	**Case Material** ABS+PC	**Power parameter** Input Voltage 5VDC±5% Working corrent 300mA Typical value

light source Aiming:617 nm LED	**Motion tolerance** Max 2m/s
Visual Indicator Blue LED Light , Buzzer	**Interfaces** USB keyboard, USB virtual serial port, RS-232
Dimension L x W x H 152*76*153 mm	**Weight** 560g with cable

Environmental parameters
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

Firmware Update
Computer online upgrade

Safety regulations
CE (EN 55032:2015;
EN 55035:2017), ROHS BIS
EN62368-1:2014+A11:2017
FCC PART 15 CLASS B

Scan distance
0-200mm @ UPC/EAN 13mil PCS=90%;
0-150mm @ QR 20mil PCS=100%

Decoding Capability

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/Plessy, China Postal Code,Code 32 (Italian Pharmacode)   RSS-14   RSS-Limited   RSS-Expand   etc.

2D   QR Code, Data Matrix, PDF417, Aztec, Maxicode, GS1 DataBar stack etc.