



RD20

2D Desktop Barcode Scanner

Classic and elegant design

Smart soft LED light

Wide scan angle



1D/2D



Mobile payment



Auto



Plug and play



32-bit ARM



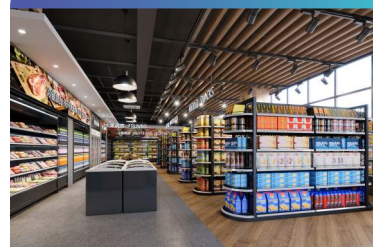
640x480 Pixels

Features

- Quick code reading, milliseconds level easy decoding
- Good at reading low contrast and damaged barcodes
- Support secondary development and one key upgrade
- Smart soft LED light mode to protect your eyes
- Compatible with Linux, Android, Windows XP/7/8/10/MAC OS
- Suitable for retail stores, supermarkets, healthcare system, etc



Applications



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Technical Parameters

Performance Parameters

CPU	32-bit ARM
Light Source	White LED (Lighting)
Scan Mode	Automatic & Continuous
Image Size	640x480 Pixels
Scan Speed	60 FPS
Minmum Resolution	≥3mil
Depth of Field	0~170mm (13mil EAN13 PCS=90%)
Print Contrast	≥15%
Interface	USB-HID, USB-VCP, RS232
Indicator	LED Indicator and Buzzer
Scan Angle	Skew±65°, pitch±60°, roll360°
Decoding Capability	1D: Codabar, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar (RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code, Maxicode, Han Xin Code



Other Parameters

Size	LxWxH: 110×100×150 (mm)
Weight	280g (Including cable)
Case Material	ABS+PC
Input Voltage	DC 5V
Working Current	200mA
Stand-by Current	158mA
Cable	Straight 1.8m
Temperature (Operating)	-10°C ~ 50°C
Humidity	5% to 95% (Non-condensing)
Temperature (Storage)	-20°C ~ 60°C
Resistance To Ambient Light	0 ~ 100,000Lux (Sunlight)

Depth Of Field Performance

Barcode Category	Minimum (mm)	Maximum (mm)
Code 39 4mil	0	70
Code 39 13mil	30	180
Code 39 20mil	60	260
EAN 13 4mil	0	70
EAN 13 13mil	0	170
EAN 13 20mil	30	220
Code 128 4mil	0	80
Code 128 13mil	0	170
Code 128 20mil	0	220
QR 6mil	0	60
QR 15mil	0	110
QR 30mil	0	190
PDF417 7.5mil	0	80
DM 5.83mil	0	60
DM 15mil	0	120

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