

RH10S

2D Wired Barcode Scanner

Easy To Use

Stylish Appearance

Strong Performance



1D/2D



Mobile payment



32-bit



Red LED



Plug and play



640x480 Pixels



1.5M Drop



Applications



Features

- Unique appearance and stable structure
- Ultra long depth of field, support scanning barcodes from a wide range
- Quick reading all kinds of 1D/2D barcodes on paper and screen
- Strong decoding capability on 3mil barcodes and difficult barcodes (blurred, wrinkled, low contrast, high density, long barcodes)
- Support multiple interfaces, USB HID, USB-VCOM and RS-232
- Fit with retail stores, supermarkets, restaurants, pharmacies, etc

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RH10S

Technical Parameters

Performance Parameter	
CPU	32bits ARM
Light Source	White LED (Lighting) Red LED(aiming)
Scan Mode	Manual & Automatic & Continuous
Image Sensor	CMOS
Resolution	640x480 Pixels
Scan Speed	60FPS
Scan Precision	≥3mil(code 128 6 digits)
Depth of Field	60~300mm (13mil code39)
Print Contrast	≥15%
Interface	USB-HID, USB-VCP, RS232
Decoding Capability	1D:Codabar, Code11, 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, ISBN, ISSN, GS1 DataBar (RSS14) , GS1 DataBar Limited, GS1 DataBar Expanded, MSI, Standard 25, Plessey 2D: PDF417, Micro PDF417, QR Code, Data Matrix, Aztec Code, Hanxin code, Maxicode



Physical Parameter	
Size	L × W × H: 170.9×64.4×86.8(mm)
Weight	175g(scanner); 175g(base)
Case Material	ABS+PC

Electrical Parameter	
Input Voltage	DC5V±5%
Working Current	180mA
Standby Current	75mA

Environmental Parameter	
Temperature (Operating)	-10°C~50°C
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20°C~60°C
IP GRADE	IP42
Resistance To Ambient Light	0-100000 lux

The depth of field performance		
code 39 (6 digits)	Minimum distance(mm)	Maximum distance(mm)
4mil	60	120
8mil	40	200
13mil	60	300
20mil	90	400
EAN 13(6 digits)	Minimum distance(mm)	Maximum distance(mm)
4mil	60	120
8mil	20	210
13mil	40	300
20mil	60	410
code 128 (6 digits)	Minimum distance(mm)	Maximum distance(mm)
4mil	50	120
8mil	20	200
13mil	30	290
20mil	50	400
QR (30 digits)	Minimum distance(mm)	Maximum distance(mm)
6mil	40	90
15mil	20	200
20mil	30	270
45mil	60	500

*RH10S-10/23B-V.1.0.0

