SUNLUX

RH21

2D Wired Barcode Scanner



Stylish streamlined design

Online setting & upgrade

Excellent scanning performance

1D/2D | Mobile payment | 32-bit | Red LED | Plug and play | 640x480 Pixels | 1.5M Drop

Features

- Self-developed core algorithm, supports online setting and upgrade.
- Powerful decoding ability on all kinds of small and difficult barcodes.
- Large indicator light ensures clear scanning feedback, adjustable prompt sound.
- Quick capture of barcodes from a wide distance range and different angles.
- Supports multiple countries' keyboard layouts and minor languages expansion.
- Stable performance supports long time high intensity operation.





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RH21
Technical Parameters

Performance Parameter	
CPU	32bits ARM
Light Source	White LED (Lighting) Red LED (Aiming)
Scan Mode	Manual & Automatic
Image Sensor	CMOS
Resolution	640x480 Pixels
Scan Speed	60 FPS
Scan Precision	≥3mil (Code 128 6 digits)
Depth of Field	70~370mm (13mil Code 39)
Print Contrast	≥10%
Interface	USB-HID, USB-VCP, RS232
Decoding Capability	1D: Codabar, Code 11, Code 39, Code 32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 93, Code 128, GS1-128, UPC-A, UPC-E, EAN-8, EAN-13, ISBN, ISSN, GS1 DataBar (RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, MSI, Standard 2 of 5, Plessey 2D: PDF 417, Micro PDF 417, QR Code, Micro QR, Data Matrix, Maxicode, Aztec Code, Hanxin Code



Physical Parameter	
Size	LxWxH: 177x85x68 (mm)
Weight	140g
Case Material	ABS+PC

Electrical Parameter	
Input Voltage	DC 5V±5%
Working Current	225mA
Standby Current	46mA

Enviromental Parameter	
Temperature (Operating)	-10°C ~ 50°C
Humidity	5% to 95% (Non-condensing)
Temperature (Storage)	-20°C ~ 60°C
IP Rating	IP42
Resistance To Ambient Light	0 ~ 100,000lux (Sunlight)

The depth of field performance

Code 39 (6 digits)	Minimum distance (mm)	Maximum distance (mm)
4mil	40	120
8mil	40	240
13mil	70	370
20mil	100	570
EAN 13 (6 digits)		
4mil	50	120
8mil	40	220
13mil	50	380
20mil	80	550
Code 128 (6 digits)		
4mil	40	120
8mil	30	260
13mil	30	430
20mil	70	570
QR (30 digits)		
6mil	50	80
15mil	10	220
20mil	40	280
45mil	60	510

*RH21-11/08/26B-V.1.0.0







