

RH21

2D Wired Barcode Scanner

Quick start, fast scanning
Ergonomic handy design
Powerful decoding ability



1D/2D



Mobile payment



32-bit



Red LED



Plug and play



640x480 Pixels



1.5M Drop

Applications



Features

- 100% self-developed core algorithm, support one key upgrade
- Powerful decoding ability on all kinds of small and difficult barcodes
- Ergonomic and handy design, comfortable for long time using
- Super long scanning distance and quick capture of barcodes
- Support different interfaces such as USB HID, USB-VCOM and RS-232
- Ideal for retail stores, supermarkets, restaurants, libraries, pharmacies, etc

SUNLUX IOT TECHNOLOGY (GUANGDONG) INC.

Office Add: Room 1201, Building A, No.76 Xinye Road, Huangpu District, Guangzhou, 511356, China
Tel: +86-20-32053765 Fax: +86-20-82115390 Website: www.xl-scan.com E-mail: overseas01@xl-scan.cn



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	60FPS
Scan Precision	≥3mil(code 128 6 digits)
Depth of Field	70~370mm (13mil code39)
Print Contrast	≥10%
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: PDF 417, Micro PDF 417, QR Code, Micro QR, Data Matrix, Maxicode, Aztec Code, Hanxin Code

Physical Parameter	
Size	L × W × H: 177×85×68(mm)
Weight	140g
Case Material	ABS+PC

Electrical Parameter	
Input Voltage	DC5V±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 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	40	120	
8mil	40	240	
13mil	70	370	
20mil	100	570	
EAN 13(6 digits)	Minimum distance(mm)	Maximum distance(mm)	
4mil	50	120	
8mil	40	220	
13mil	50	380	
20mil	80	550	
Code 128 (6 digits)	Minimum distance(mm)	Maximum distance(mm)	
4mil	40	120	
8mil	30	260	
13mil	30	430	
20mil	70	570	
QR (30 digits)	Minimum distance(mm)	Maximum distance(mm)	
6mil	50	80	
15mil	10	220	
20mil	40	280	
45mil	60	510	

*RH21-11/25B-V.1.0.0

