

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	Scanner:177×85×68(mm) Stand:145x68x169(mm)
Weight	140g(scanner); 208g(stand)
Case Material	ABS+PC

Electrical Parameter	
Input Voltage	DC5V±5%
Working Current	225mA
Standby Current	46mA

Enviromental Parameter	
Temperature (Operating)	-10℃~50℃
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20℃~60℃
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

*RH21S-11/25B-V.1.0.0

