

AD-2100

2D Barcode Scanner with Stand

Easy To Use

Stylish Appearance

Strong Performance



1D/2D



Mobile payment



32-bit



1.5M Drop



Red LED



Plug and play



640x480 Pixels



IP 54



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

AD-2100

Technical Parameters

ADVISION



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
Depth of Field	60~450mm (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: 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
Case Material	ABS+PC

Electrical Parameter	
Input Voltage	5V
Working Current	300mA
Standby Current	160mA

Enviromental Parameter	
Temperature (Operating)	-10°C~50°C
Humidity	5% to 95% (non-condensing)
Temperature (Storage)	-20°C~60°C
IP	54
Resistance To Ambient Light	0 ~ 5000Lux(fluorescent light) 0 ~ 100,000Lux(sunlight)

The depth of field performance		
code 39 (6 digits)	Minimum distance(mm)	Maximum distance(mm)
4mil	30	160
8mil	40	270
13mil	60	450
20mil	100	570
30mil	140	620
EAN 13	Minimum distance(mm)	Maximum distance(mm)
4mil	35	160
8mil	30	270
13mil	50	450
20mil	70	570
30mil	105	620

*RH10S-08/23B-V.1.0.0

