



BS-011

BS-011 Series

2D/1D Handheld Scanner

USB or RS232 Interface

To Make Your Store Thrive by 2D Handheld Barcode Scanner



1. To explore the increasingly popular demand of 2D barcode scanning

We are in the process of “ digital transformation” which is leading optimized operation in retail, industry, ---- and even the self-service business.

2. Your digital transformation business starts here

BS-011 is one of the crucial product for your digital transformation to scan the 2D/D symbologies include the most popular PDF-417, DataMatrix and QR code.

3. Fresh looks and powerful functions.

No longer confined to your budget limit, BS-011 richly features powerful function, but it is the wallet-friendly” device for your business applications.

4. Key information of BS-011 2D/1D scanner

- a. Image: CMOS 640 x 480
- b. Light source: aiming 617 nmLRD, illumination: 6500K LED
- c. Resolution: 1D Code 39(4 mil), 2D QR code(6.6 mil)



Ordering Information:

BS-011BU: 2D/1D handheld barcode scanner, w/USB interface cable
 BS-011BR: 2D/1D handheld barcode scanner, w/RS232 interface cable



Technical Specifications

Specifications	Descriptions
Image (Pixels)	CMOS 640 x 480
Light Source	Aiming: 617nm LED, Illumination 6500K LED
Ambient Light Immunity:	Immune to indoor lighting up to 1600 Lux. Immune to sunlight up to 100,000 Lux.
Reading Resolution	1D Code 39 (4mil), 2D QR Code 6.6mil
Print contrast Signal	45% minimum reflective difference
Scanning Distance	EAN 13: 0mm~45mm (13mil), Code 128: 50mm-100mm (4.7mil 10 digits) QR Code: 25mm-240mm (20mil 16 digits), PDF 417: 30mm-140mm (6.67mil 7 digits)
Field of View:	51° (H) x 40° (V)
Roll/Pitch/Yaw	360° / ± 65° / ± 60°
Motion Tolerance	Up to 25in. (63.5cm) per second
Indicator	Blue LED & beeper
Interface	USB and RS232
Symbologies: 2D	PDF417, Data Matrix, QR Code, Aztec, Maxi Code, Han Xin Code
Symbologies: 1D	UPC/EAN, Code 128, Code 39, Code 39 Full ASCII, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI, Chinese 2 of 5,
Electrical	
Input Voltage	5V DC ±5%
Power Consumption	1.65W
Current - Standby	80mA
Current - Operating	250mA
Environment	
Operating Temperature:	(-20° to 50° C)
Storage Temperature:	(-40° to 80° C)
Humidity:	5% to 95%, non-condensing
Physical	
Case Material:	ABS + Rubber
Dimension:	97 x 70 X 175 mm
Weight:	120g (without cable and package)
Cable:	1.8m coiled or straight Cable
Decode Ranges and Resolution	
Symbol & Density	Range
Code 128 (5mil 10 characters)	5-10cm
EAN13 (13mil)	3-19cm
QR Code (20mil) 16 characters	3-24cm
PDF (6.67mil 7 characters)	3-14cm



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