

BS-3801/2

BS-3801/2 Series

Omni-directional / 2D

Cashier Counter Scanner

Inspiring design and more sophisticated with a host of scanning tricks



Ordering Information:

BS-380[X]B[Y] counter scanner

[X] : 1: Omni-directional laser scanner
2: 2D/1D image scanner

[Y] : R : RS232 interface cable
U : USB interface cable
P : Powered USB interface cable

1. Omni-directional laser or 2D (image capture)

You can have your choice on counter scanner with BS-3801 omni-directional laser or BS-3802 2D scanner (Motorola engine built-in), which are with our innovative design chassis support the large screen scanning.

2. Fly-by moving scanning

BS3801 and BS-3802 built-in the advanced optical capture angel structure, which support the " Fly-by moving " scanning besides the presentation one. It helps your scanning with ease and accurate

3. High performances

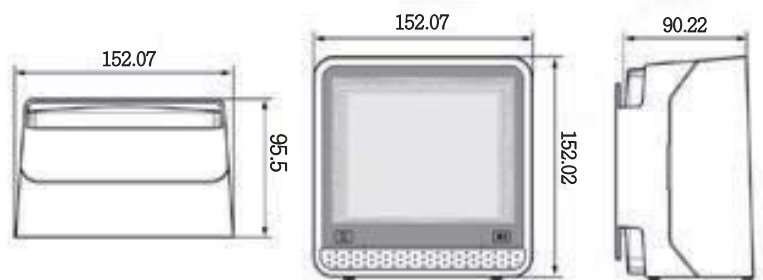
With CMOS technology for optimal sensitivity and dynamic range, BS-3801/BS3802 features the outstanding performances as below.

BS-3801: 30 scan lines, 3,000 scan/second

BS-3802: 120 scan/second liner emulation,
60 image/second for 2D mode.

4. Multiple interface and user friendly device

- a. Our counter scanner supports RS-232, USB and powered USB interface for your applications.
- b. Touch function on the "power button" and "Beep volume adjust".
- c. IP42 protection standards for your rugged working environment.



Technical Specifications

Model	BS-3801 series
Optical	
Light Source	650 nm visible laser diode
Scan Pattern	6 directions scan field, 30 lines scan pattern
Scanning Rate	3,000 scans / second
Depth of Field	up to 250 mm@ EAN 0.33mm/13mil PCS 90%
Light Level	MAX. 7,000 LUX

Reading Performance

Barcode types	Automatically discriminates all standard 1D bar codes include GS1 databar family, Omnidirectional, Stacked Omnidirectional, Expanded, Expanded Stacked, Truncated and Limited.
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Electrical

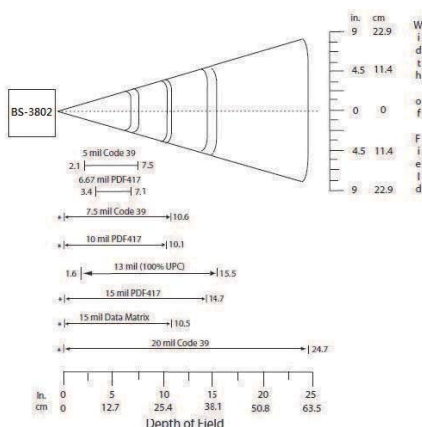
Interface	RS-232 / USB / Powered-USB
Input Voltage	+12V DC
Operating	500mA
Power Supply Voltage	6 Watt max @ 12V DC

Environment

Operating Temperature	0°C ~ 40°C
Storage Temperature	-10°C ~ 60°C
Relative Humidity	5% to 95% (Non-condensing)

Physical

Weight	630g ~ 720g
Dimension	90.22(D)x152.02(W)x152.07(H)mm



Model	BS-3802 series
Optical	
Light Source	625 nm visible red light LED
View of field	Horizontal – 40°, Vertical – 25°
Scan speed	up to 120 scans per second in linear emulation and 60 images per second in 2D area mode
Depth of Field	The following figure
Resolution	752 (H) x 480 (V) pixels 5.0 mil (Code 39), 4.0 mil (PDF417)

Reading Performance

Barcode types	1D : EAN/UPC,UCC/EAN128, ISBN, ISBT Code11,Code39, Code93/93i,Code 128 Interleaved,Matrix,Industrial,Standard 2 of 5 Codabar,MSI,Plessey,Telepen,Postal codes, GS1 Databar 2D : Data Matrix, Data Matrix Inverse PDF 417, Micro PDF 417 Maxicode QR code, QR code Inverse, Aztec (& Inverse) EAN.UCC composite, MicroQR code
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Electrical

Interface	RS-232 / USB / Powered-USB
Input Voltage	RS232 : DC Adapter +5V DC
Operating	USB : USB Power
Power Supply Voltage	Stand-by (Typ.) 230mA Operation(Typ.) 460mA

Environment

Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Relative Humidity	20% to 95% (Non-condensing)
Ambient light	100,000 Lux Max. (Sunlight)

Physical

Weight	630g ~ 720g
Dimension	90.22(D)x152.02(W)x152.07(H)mm

RS-232



USB



Contact us for details



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