



FEATURES

- Stylish, compact design, ideal for constrained-space environment.
- Read all common 1D/2D barcodes from paper labels and electronic screens.
- Megapixel image ensures better performance in decoding hard-to-read barcodes.
- With larger angles, adjustable omni-directional scanning head meets various needs.
- Image auto-induction function effectively reduces power consumption and subsequent core components abrasion.
- Solid-state design, no easily worn-out or fragile parts, ensures high reliability and durability.
- Multiple common interfaces allow easy integration into different devices.
- Ergonomic finishing grip, suitable for handheld operation.
- Green aimer, bicolour LED indicator and loud sound deliver comfortable and convenient scanning experience.

SPECIFICATIONS

Code:	SX-BS-7500-U	SX-BS-7500-R
Interface:	USB	RS-232
Dimensions (HxWxD):	93 mm × 95 mm × 157 mm	
Weight:	298.5 g, without cable	
Cable:	Straight 2.0 m	
Connector type:	RJ-45 phone jack connector	
Indicator:	Beeper, LED	
Programming Method:	Manual (reading special barcode)	
Program Upgrade:	Online	
Input Voltage:	4.6 to 5.5 VDC	
Current:	110 mA (standby), 370 mA (scanning)	
Scan Pattern:	Area image	
Image Size:	1280 × 800 pixels	
Field of View:	Horizontal: 64°, vertical: 44°	
Scanning Angle:	± 70°, ± 70°, 360° (Skew, Pitch, Roll)	
Motion Tolerance:	1.27 m/s (50 in/s) for 13 mil UPC-E at optimal focal point	
Print Contrast:	20% minimum reflectance difference	
Decoding Capability:	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants 2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code	
Minimum Resolution:	1D (Code 39): 5 mil; 2D (PDF417): 6.7 mil	
Decoding Depth:	5 mil Code 39 (3 chars), 13 mil UPC (6 chars), 20 mil Code 39 (1 char), 6.7 mil PDF417 (20 chars), 10 mil QR (20 chars), 20 mil QR (20 chars)	
Temperature:	-20° to 55°C (-4° to 131°F), operating; -20° to 75°C (-4° to 167°F), storage	
Humidity:	5% to 95% (non-condensing)	
EMC:	EN55022, EN55024	
Electrical safety:	EN60950-1	
Photobiological safety:	EN62471:2008	
Illumination:	0~100,000 LUX	
Sealing:	IP50	
Drop Resistance:	30+ times of 1.5 m (5.0 ft.) drop to concrete	

**The specifications and external design are subject to change without notice for further improvement.*