



## FEATURES

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- High-performance imaging technology provides support to read 1D and 2D barcodes from both paper labels and mobile devices.
- Wide field-of-view, omni-directional scanning capability and advanced decoding software facilitate cashiers to scan all barcodes on first pass.
- Sweep and presentation scanning techniques ensure maximum productivity and throughput.
- All-solid-state design without laser modules or spinning motors ensures high reliability and durability.
- Loud speaker and soft blue/green LED offer convenient and comfortable user experience.
- Multiple interfaces enable the image platform to utilize with different devices.

## SPECIFICATIONS

Code:	SX-BS-8500-U	SX-BS-8500-R
Interface:	USB	Presentation Imager USB
Dimensions (HxWxD):	152×81×144 mm (without stand) / 152×112×184 mm (with stand)	
Weight:	563 g (without stand, without cable), 832 g (with stand, without cable)	
Cable:	Straight 2.0 m	
Connector type:	RJ-45 phone jack connector	
Case Material:	PC+TPU	
Indicator:	Beeper, LED	
Programming Method:	Manual (reading special barcode)	
Program Upgrade:	Online	
Input Voltage:	5 ± 0.25 VDC	
Power:	5.00 W (working), 0.40 W (standby)	
Current:	1000 mA (working), 80 mA (standby)	
Image Size:	1280 × 1024 pixels	
Field of View:	Horizontal: 42°, vertical: 26.5°	
Scanning Angle:	±60°, ±54°, 360° (Skew, Pitch, Roll)	
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 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128 (GS1-128), 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, GS1 Composite	
Minimum Resolution:	4 mil, 1 mil = 0.0254 mm	
Decoding Depth:	1D: 4 mil Code39 (9 chars), 10 mil Code39 (3 chars), 13 mil UPC (6 chars), 20 mil Code39 (1 char). 2D: 6.7 mil PDF417 (20 chars), 10 mil QR (20 chars), 10 mil DM (20 chars), 20 mil QR (20 chars)	
Temperature:	0° to 50°C (32° to 120°F), operating; -40° to 70°C (-40° to 140°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:	IP52	
Drop Resistance:	1.5 m (5.0 ft.) drops to concrete	

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