

- High performance & High protection Wired 2D Barcode Scanner
- Excellent scanning performance, can scan 1D and 2D barcodes of any density
- The industry's highest dust and water proof – IP68, which can adapt to harsh working environment;
- Good ergonomic design for long-time working
- Good at scanning DPM engraved barcodes, worn barcodes, highly reflective barcodes, high-density barcodes, micro barcodes and other difficult barcodes
- Indestructible body, excellent anti-shock design



The actual appearance is subject to the final configuration.

Specifications

MODEL	SB100HD (High density) - SB100HHD (Ultra high density) - SB100DP (Difficult DPM)	
Power and Battery	Voltage	DC 5v ± 0.25V
	Power	420mA (Max) 120mA (Standby) - SB100HD / SB100HHD 450mA (Max) 120mA (Standby) - SB100DP
Performance Ability	Lighting & Aiming	White or Red Lighting, Red LED Aiming - SB100HD / SB100HHD
		Automatic multi-color LED Lighting, Red Laser Aiming - SB100DP
	Resolution	Million pixels
	Scan Angle	± 70°, ± 70°, 360° (Skew,Pitch,Roll)
	Contrast	≥ 20%
	Code Resolution	1D ≥ 3mil 2D ≥ 4mil - TI2820HD
		1D ≥ 2mil 2D ≥ 3mil - TI2820HHD
		1D ≥ 3mil 2D ≥ 4mil - TI2820DP
Scan Ability	Printed, Sprayed, DPM, Screen code	
Code Types	2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode	
	1D: UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39(Full ASCII), Code 32, Interleave 2 of 5, Industrial 2 of 5, Matrix 2 of 5, IATA 25, Codebar, Code 128, Code 93, Code11 cMSI/Plessey, UK/Plessey, UCC/ EAN 128, Composite Code -A/B/C, GS1 DataBar(RSS), etc.	

Communication Method	Interface	USB-HID, USB-COM, P/S2, RS232, Ethernet, PROFINET
	Trigger Mode	Manual, Consecutive Scanning, Auto-sensing
	Cable Length	Standard: 2 meters USB cable
	Alert Mode	Buzzer (volume and tone adjustable), LED light, vibrator
Material & Environment	Operating Temperature	-20°C ~ 55°C
	Storage Temperature	-40°C ~ 70°C
	Relative Humidity	5% ~ 95% (Non-condensing)
	Dust & Water Proof	Handset: IP68
	Shock Proof	Withstand multiple drops from 2.5 meters to concrete surface
	Setting Method	Scan setting barcodes
	Shield Materials	Bi-color: ABS+PC/TPU; Single: ABS; Transparent: PC ; Waterproof ring: Silica gel
Regulation	EMC	CE, FCC-ID, ROHS

Packing List

Default Items	Qty
SB100xx Unit	1

Options for Default items

Optional Items	Max Qty	Description
RS232 cable	1	
P/S2 cable	1	
5 meters USB cable	1	
RS485 module	1	
Ethernet module	1	
PROFINET module and power adapter	1	
Wall mount bracket	1	

Additional Images



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