



DP-BS is a small-sized 2-dimensional scanner, which integrates the lens and decoding function. It has high-efficiency decoding rate and ultra-low BER.

## KEY FEATURES

- Identifying all 1-dimensional bar codes and most 2-dimensional bar codes
- High Identification ability of barcodes in computer and mobile devices
- Equipped with four 625±10nm red lights
- Cursor indicator and the blinking function
- White and black available, fireproof, waterproof, shock-proof and other excellent performance
- Uses the standard 10-core RJ45 interface
- Provides the USB-HID interface, USB analog serial port, ART interface, and HID-POS interface
- Uses bright light filling indication and an indicator showing the central position for bar codes
- Capable of identifying bar codes with low contrast
- Ultra-long reading Depth of Field (DoF)
- Supports secondary development for various project types

## SPECIFICATIONS

Model	DP-BS			
Barcode Types	1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, and GS1 Databar. 2D: PDF417, QR Code (Model 1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140)			
Power	Voltage	DC 3.5V-5.5V(Standard), 9V(Optional)		
	Operating Current	130mA		
	Standby Current	20mA		
	Maximum Peak	220mA		
Interface	USB-HID	Supporting USB interfaces later than USB1.1		
	UART	Baud rate range 1200-115200 bps		
Transmission Rate	Support low-speed, high-speed and full-speed three data transmission mode			
Light Source	Wavelength	Red light with the wavelength of 650nm±10%		
	Power	< 70mW		
Indicator	Green blinking indicator, which indicates the central position for bar codes			
Depth of Scan Field	EAN13 (13mil): 55mm - 320mm PDF 417 (6.7mil): 70mm - 155mm	Data Matrix (10mil): 55mm - 175mm QR Code (15mil): 35mm - 220mm		
Scan Angle	Rotation: 360°, Tilting: ±50°, Deflection: ±50°	Work Environment	Operating Temp.	10°C-50°C
View Angle	Horizontal 35.5°, Vertical: 23°		Storage Temp.	-20°C- 60°C
Print Contrast	>=30% reflection difference		Operating Humidity	5% ~ 95%RH (condensing)
Precision	>=4mil	Anti-knock	1.8m free fall to test	
Decode Error Rate	1/8 million	Dimension	163*70*102mm (L*W*H)	
ESD Rating	Contact Discharge: 9 KV, Air Discharge 15 KV	Certifications	CE, FCC, ROHS, IP65, IEC60825	