

1D



S1-BGC

Superior 1D CCD Wireless Scanner

• Ultra-long Distance Data Transmission

2.4GHz(150m) and Bluetooth(30m) long distance data transmission, supports automatic frequency modulation and inventory mode, and has 16MB memory to save data information.

• Professional Scanning Module

High performance and superior resolution (2500) scanning module, easily decode one-dimension barcode, including low printed contrast rate, high density and damaged barcode.

• Powerful Endurance Ability

1200mAh rechargeable polymer lithium battery, make device could continuously work for more than 30 hours with the fully charged.

• High Quality

Adopt high quality wires and inflaming retarding materials with the international standard, recyclable and practical shell to protect the device.

• Industrial Grade Durability

IP54 industrial sealing grade, and bear the height of 1.5m dropping and ground impact.

Healthcare



Logistics



Manufacturing



Retailing



S1-BGC with professional high-performance CCD scan engine, and take Bluetooth and 2.4GHz wireless technology, with cradle for charging and receiving 2.4GHz data. Easily read printed and on-screen 1D barcode, It designed for retail, logistics, manufacturing, healthcare, warehouse, etc.

TECHNICAL SPECIFICATIONS

Performance Parameters

Light source	Visible red light emitting diodes 632nm
Image sensor	Linear CCD
Resolution	2500
Decoding speed	≥300 times/s
Decode capability	UPC/EAN, UPC/EAN with supplements, ISBN, ISSN, Code 128, Code 39, Code 39 (Full ASCII), code 11, Interleaved 2of 5, Matrix 2 of 5, Discrete 2 of 5, Codabar, MSI/Plessey, Chinese 2 of 5, China Postal Code, GS1 DataBar, etc.
Scan Angle	±40°, ±60°, ±60° (Roll, Skew, Pitch)
Scan precision	≥3mil
Print contrast	20%
Prompt mode	Buzzer, LED indicator light
Interface	USB, USB-COM
Trigger mode	Manual, Continuous automatic scan and auto sensing scanning (optional)
Memory	16MB
Battery	1200mAh (charging time is 4h)
Current and voltage	30mA (standby), 80mA (working), 5 VDC ±10%
Work frequency	2.4GHz
Data communication distance	150m(2.4GHz) and 30m(Bluetooth) (open area)
Setting method	Scan configuration barcode

Physical Parameters

Over dimension	L X W X H (168x60x100mm(Scanner)/140x108x105mm(Cradle))
Weight	160g (Scanner), 110g (Cradle)
Material	ABS+PC environmentally friendly materials

Environmental Parameters

Working temperature	-20°C to 50°C
Storage temperature	-40°C to 60°C
Anti-drop	Withstand drop from 1.5 m to concrete floor
Humidity	5% to 95% RH
IP grade	IP54
Circumstance luminance	0-100,000Lux