B2-G

Durable 2D Wireless
Barcode Scanner

• Excellent Identification Ability

High performance scanning module, easily decode all common 1D and 2D symbologies, have good performance in scanning fuzzy, low printed contrast rate and damaged barcode.

• Long Service Life

Scan button with over 30 million times operation, and adopted ultra low power consumption.

• Super Easy Operation and Compatibility

Compatible with multiple language and keyboard layout, work well with Android, Linux, Mac, Windows and other operating system.

• Ultra-long Distance Data Transmission

150m long distance data transmission, supports automatic frequency modulation and inventory mode, has 16MB memory to save data information.

• Industrial Grade Durability

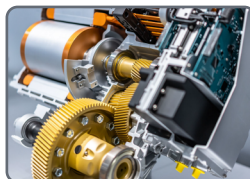IP54 industrial grade, and bear the height of 1.5m dropping and ground impact.

Healthcare

Logistics

Manufacturing

Retailing

B2-G is an industrial grade 2D optical image scanner. It delivers industrial leading performance and durability in Retail, Logistics, Manufacturing, Medical store, Warehouse and other fields of applications.

TECHNICAL SPECIFICATIONS

Performance Parameters

Light source	(610-640nm) for aiming
Image sensor	CMOS
Resolution	640x480
Decode capability	1D: UPC/EAN, UPC/EAN with supplements, ISBN/ISSN, UCC, Code 128, Code 39, Code 39 (Full ASCII), code 32, Interleaved 2of 5, Matrix 2 of 5, Discrete 2 of 5, Codabar, MSI/Plessey, Chinese 2 of 5, China Postal Code, GS1 DataBar, etc. 2D: PDF417, Micro PDF417, Data Matrix, QR, Micro QR, Aztec, etc.
Scan Angle	±360°, ±60°, ±55° (Roll, Skew, Pitch)
Scan precision	≥4mil
Print contrast	20%
Prompt mode	Buzzer, LED indicator light
Interface	USB, USB-COM, RS232 (optional)
Trigger mode	Manual, Continuous automatic scan and auto sensing scanning (optional)
Memory	16MB
Battery	2000mAh (charging time is 5h)
Current and voltage	55mA (standby), 180mA (working), 5 VDC ±10%
Work frequency	2.4GHz
Data communication distance	150m (2.4GHz) (open area)
Setting method	Scan configuration barcode

Physical Parameters

Over dimension	L X W X H (150x70x95mm)
Weight	160g (including wire)
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 1.5m to concrete floor
Humidity	5% to 95% RH
IP grade	IP54
Circumstance luminance	0-100,000Lux