F2-BG

Fashionable 2D Wireless Barcode Scanner

• Professional Scanning Module

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.

• Easily Switching Two Wireless Modes

2.4GHz wireless technology and Bluetooth connection, take BT connection if the connected device without USB interface, such as smart phone, ipad, PDA, POS, etc.

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

• Durability and Sealing Performance

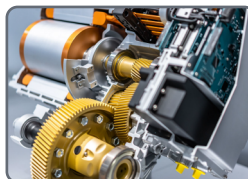IP54 sealing performance, and bear the height of 1.5m dropping and ground impact.

Healthcare

Logistics

Manufacturing

Retailing

F2-BG is a wireless industrial grade 2D optical image scanner with fashionable product appearance. It meets all requirements of Retail, Logistics, Manufacturing, Warehouse and other fields of applications.

TECHNICAL SPECIFICATIONS

Performance Parameters

Light source	617nm for aiming, and 5600K LED for lighting
Image sensor	CMOS
Resolution	640x480/1280x800
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°, ±60° (Roll, Skew, Pitch)
Scan precision	≥4mil
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	2000mAh (charging time is 5h)
Current and voltage	50mA (standby), 200mA (working), 5 VDC ±10%
Work frequency	2.4GHz
Data communication distance	150m (2.4GHz), 30m (Bluetooth) (open area)
Setting method	Scan configuration barcode

Physical Parameters

Over dimension	L X W X H (161x63x80mm)
Weight	152g
Material	ABS+PC environmentally friendly materials

Environmental Parameters

Working temperature	-20°C to 55°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