

1D \ 2D



# WR2-BG

## Wearable-Ring 2D Wireless Image Scanner

### • Ultra-long Distance Transmission

2.4GHz (50 meters) and Bluetooth (30 meters) long distance data transmission, supports automatic frequency modulation and inventory mode.

### • Optional Two Modes Switching

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

### • Convenient and Comfortable Operation

Easy compatible with multiple language, keyboard layout and operating system. Wearable and ergonomics design, boost work efficiency and convenient for long hours of usage.

### • Excellent Identification Ability

High performance scanning module, easily decode all common one and two dimension symbologies, have good performance in scanning fuzzy, low printed contrast rate and damaged barcode.

### • Industrial Grade Durability

IP54 industrial grade, and bear the height of 1.8m dropping and ground impact.

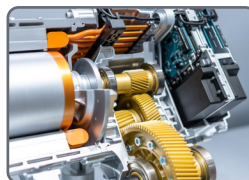
### Healthcare



### Logistics



### Manufacturing



### Retailing



WR2-BG adopts professional image scan engine in combination with 2.4GHz and Bluetooth wireless data communication technology. Supporting stable and reliable long distance of data communication. It delivers industrial leading performance and durability in Retail, logistics, manufacturing, healthcare industry, warehouse and other fields of applications.

## TECHNICAL SPECIFICATIONS

### Performance Parameters

Image sensor	COMS
Resolution	1280x800/640x480 pixels
Decode capability	1D: UPC/EAN, UPC/EAN with supplements, ISBN/ISSN, Code 128, Code 39, Code 39 (Full ASCII), code 32, Interleaved 2of 5, Matrix 2 of 5, Codabar, MSI/Plessey, Chinese 2 of 5, China Postal Code, GS1 DataBar, etc. 2D: QR code, Micro QR, PDF417, Micro PDF417, Data Matrix, Hanxin, etc.
Scan Angle	±360°, ±65°, ±55° (Roll, Skew, Pitch)
Scan precision	≥4mil
Print contrast	20%
Depth of field	20-500mm
Prompt mode	Buzzer, LED indicator light
Trigger mode	Manual, Continuous and automatic scan
Memory	350KB(Store over 20,000 barcode data)
Interface	4 pin pogopin magnetic port
Battery	450mAh (charging time is 1.5h)
Current and voltage	60mA (standby), 210mA (working)
Work frequency	2.4GHz
Data communication distance	50m(2.4GHz), 30m (Bluetooth) (open area)

### Physical Parameters

Over dimension	L X W X H (55.7x38x50.9mm)
Weight	43.5g (include battery and exclude wire)
Charging cable length	1.0m
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 1.8m to concrete floor
Humidity	5% to 95% RH
IP grade	IP54
Circumstance luminance	0-100,000Lux