

1D



WR1-BG

Wearable-Ring 1D Wireless CCD 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

Wearable and ergonomics design, boost work efficiency and convenient for long hours of usage.

• Powerful Endurance Ability

450mAh rechargeable polymer lithium battery, make device could continuously work for more than 8 hours with the fully charged. Take durable 4pin Pogopin Magnetic Charging Port.

• Industrial Grade Durability

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

Healthcare



Logistics



Manufacturing



Retailing



WR1-BG adopts professional CCD 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

Light source	632nm
Decode speed	300 times/s
Resolution	1600 pixels
CPU	ARM 32 bit
Decode capability	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.
Scan Angle	±50°, ±65°, ±55° (Roll, Skew, Pitch)
Scan precision	≥4mil
Print contrast	20%
Depth of field	20-400mm
Prompt mode	Buzzer, LED indicator light
Trigger mode	Manual, Continuous and automatic scan
Memory	350KB(Store over 20,000 barcode data)
Battery	450mAh (charging time is 1.5h)
Current and voltage	45mA (standby), 90mA (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