

AI-BS-WS40 Barcode Scanner



Introduction

AI-BS-WS40 with professional high-performance image scan engine, and take 2.4GHz wireless technology, with cradle for charging and receiving 2.4GHz data. Easily read printed and on-screen 1D and 2D symbology. It designed for retail, logistics, manufacturing, healthcare, warehouse, etc.



Healthcare



Logistics



Manufacturing



Retailing

Features

- **Ultra-long Distance Data Transmission**

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

- **Highly accurate and fast scanning**

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.

- **Powerful Endurance Ability**

2000mAh rechargeable polymer lithium battery, make device could continuously work for more than 20 hours with the fully charged.

- **Super Easy Operation and Compatibility**

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

- **Industrial Durability and Sealing Performance**

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

Barcode / RFID Hardware Solution Specialist

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Parameter

Performance Parameters	
Light source	617nm for aiming, and 5600K LED for lighting
Image sensor	CMOS
Resolution	640x480 pixels
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 (open area)
Setting method	Scan configuration barcode
Physical Parameters	
Over dimension	L * W * 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