# AI-BS-WS60 Barcode Scanner



## Introduction

AI-BS-WS60 with professional high-performance CMOS 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 symbologies, It designed for retail, logistics, manufacturing, healthcare , warehouse, etc.

| Healthcare | Logistics | Manufacturing | Retailing |
|---|---|---|---|

## Features

- **Ultra-long Distance Data Transmission**

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

- **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.

- **Powerful Endurance Ability**

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

- **High Quality**

Adopt high quality wires and inflaming retardingmaterials with the international standard, recyclable and practical shell to protect the device.

- **Industrial Grade Durability**

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

# AiHardWare

## Performance Parameters

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|---|---|
| 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 | 30mA (standby), 220mA (working), 5 VDC ±10% |
| Work frequency | 2.4GHz |
| Data communication distance | 150m (open area) |
| Setting method | Scan configuration barcode |

## Physical Parameters

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|---|---|
| Over dimension | LXW X H (175x72x100mm(Scanner)/200x90x51mm(Cradle)) |
| Weight | 210g (Scanner), 234g (Cradle) |
| Material | ABS+PC environmentally friendly materials |

## Environmental Parameters

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|---|---|
| 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 |