

# AI-BS-DS5000 Barcode Scanner



## Introduction

AI-BS-DS5000 is a wireless 2D image hands-free barcode scanner with wireless charging technology and fashionable product appearance. It meets all requirements of Retail, Logistics, Manufacturing, Warehouse and other fields of applications.



Healthcare



Logistics



Manufacturing



Retailing

## Features

- **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**

100m (2.4GHz) and 30m(Bluetooth) long distance data transmission, supports automatic frequency modulation and inventory mode, and has 230KB memory to save data information.

- **Wireless Charging Constantly Power On**

Cutting-edge wireless charging technology. No need USB cable for charging, enjoy the freedom of cordless scanning operation.

## Parameter

| SPerformance 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 2 of 5, Matrix 2 of 5, Discrete 2 of 5, Codabar, MSI/Plessey, Chinese 2 of 5, China Postal Code, GS1DataBar, etc.<br>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 and Continuous automatic scan   |
| Memory                      | 230 KB (save 20,000 barcodes data)   |
| Battery                     | 1200mAh (charging time is 4h)  |
| Current and voltage         | 150mA (standby), 260mA (working), 5 VDC ±10%   |
| Work frequency              | 2.4GHz   |
| Data communication distance | 100m (2.4GHz), 30m (Bluetooth) (open area)   |
| Setting method              | Scan configuration barcode   |
| Physical Parameters         |  |
| Over dimension              | L X W X H (151x89x89mm)  |
| Weight                      | 325g   |
| 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   |