

# AI-BS-PS601 Barcode Scanner



## Introduction

AI-BS-PS601 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.



Healthcare



Logistics



Manufacturing



Retailing

## Features

- **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.

## Parameter

Performance Parameters	
Image sensor	COMS
Resolution	1280x800 pixels
CPU	ARM 32 bit
Decode capability	1D: UPC/EAN, UPC/EAN with supplements, ISBN/ISSN, Code 128, Code 39, Code 39 (Full ASCII), code 32, Interleaved 2 of 5, Matrix 2 of 5, Codabar, MSI/Plessey, Chinese 2 of 5, China Postal Code, GS1 DataBar, etc. 2D: QR code, PDF417, Data Matrix, Maxicode, Aztec, etc.
Scan Angle	$\pm 360^\circ$ , $\pm 65^\circ$ , $\pm 60^\circ$ (Roll, Skew, Pitch)
Scan precision	$\geq 4\text{mil}$
Print contrast	20%
Depth of field	20-500mm
Prompt mode	Buzzer, LED indicator light
Trigger mode	Manual, Continuous automatic scan
Memory	350KB (Store over 20,000 barcode data)
Battery	450mAh (charging time is 1.5h)
Current	60mA (standby), 190mA (working)
Work frequency	2.4GHz
Data communication distance	50m (2.4GHz), 30m (Bluetooth) (open area)
Interface	4 pin pogo pin magnetic port
Physical Parameters	
Over dimension	L X W X H (130.9x45.4x33.3mm)
Weight	88g (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