AI HardWare

AI-BS-S71 Barcode Scanner

Introduction

AI-BS-S71 is an industrial grade 2D optical image scanner, with IP65 sealing performance, and makes it suitable for harsh application environments, such as manufacturing workshop, Logistics, cold chain industry, warehouse, etc.

Healthcare   **Logistics**   **Manufacturing**   **Retailing**

Features

- **Excellent Identification Ability**
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.

- **Industrial Durability and Sealing Performance**
IP65 industrial sealing grade, and bear the height of 2.5m dropping and ground impact.

- **Super Easy Operation and Compatibility**
Compatible with multiple language and keyboard layout, work well with Android, Linux, Mac, Windows and other operating system.

- **Providing Multiple Scanning Method**
Manual scanning, continuous scanning with configurable scanning time interval and automatic induction scanning to meet various application scenarios.

- **High Quality**
Adopt high quality wires and inflaming retarding materials with the international standard, recyclable and practical shell and TPU materials covered almost whole device to protect it.

Barcode / RFlD Hardware Solution Specialist

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Parameter

Performance Parameters	
Light source	(625±10nm) for aiming, and 5600K LED for lighting
Image sensor	CMOS
Resolution	1280x1024 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	≥3mil
Print contrast	20%
Prompt mode	Buzzer, LED indicator light
Interface	USB, USB-COM, RS232 (optional)
Trigger mode	Manual, Continuous automatic scan and auto sensing scanning (optional)
Setting method	Scan configuration barcode
Current and voltage	50mA (standby), 170mA (working), 5 VDC ±10%
Physical Parameters	
Over dimension	L * W * H (184x74x93mm)
Weight	290g (excluding wire)
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 2.5m to concrete floor
Humidity	5% to 95% RH
IP grade	IP65
Circumstance luminance	0-100,000Lux