



BS128AI from Pos & Office: Precise Scanning with Artificial Intelligence

The Pos & Office BS128AI barcode scanner takes scanning efficiency to the next level with its advanced built-in artificial intelligence. This device is designed to automatically and accurately detect the presence of 1D and 2D barcodes, using an intelligent presence sensor that optimizes performance and reduces energy consumption.

- **Smart scanning**
- **Energy saving**
- **Exceptional performance**

BS128AI

High-Performance Scanner with Integrated AI

Superior Performance

Featuring a high-resolution 1280x800 pixel CMOS image sensor, the BS128AI ensures fast and accurate data capture. Its ability to operate in light levels up to 100,000 Lux and 30 to 350mm depth of field make it ideal for a variety of applications. The 2-meter-per-second decoding speed ensures every scan is fast and seamless, improving productivity in any environment.

Artificial Intelligence Technology

Built-in artificial intelligence enables the BS128AI to activate its sensor only when it detects the presence of a barcode, ensuring efficient scanning and prolonging the device's lifespan. This technology not only improves accuracy, but also offers more sustainable and cost-effective use.

Strength and Durability

Built to withstand demanding conditions, the BS128AI features an IP54 dust and water protection rating, and can withstand drops of up to 1.2 meters. It operates reliably in a temperature range of -20°C to 50°C, making it a rugged solution for industrial and commercial environments.

BS128AI from Pos & Office: Innovation in scanning with artificial intelligence for exceptional performance.



Technical Specifications

PERFORMANCE

Image sensor
CMOS
Resolution
1280x800 pixels
Light level
0 - 100,000 Lux
Light source
Red LED
Depth of field
30-350mm
Minimum print contrast
20%
Reading accuracy
≥3mil
Viewing angle
Rolling: ±360°
Skew: ±65°
Pitch: ±70°
Decoding speed
2m/s

ENVIRONMENTAL

Operating temperature
-20° to 50°C
Storage temperature
-40° to 60°C
Humidity
5% to 95% (non-condensing)
Electrostatic protection
±8 kv (direct discharge)
Falls
1.2 meters
Protection against dust and water ingress
IP54

DATA CAPTURE

1D
All major symbologies including
UPC/EAN/JAN, UPC-A & UPC-E, EAN-8
& EAN-13, JAN-8 & JAN-13, ISBN/ISSN,
Code 39 (with full ASCII), Codabar
(NW7), Code 128 & EAN 128, Code 93,
Interleaved 2 of 5 (ITF), Discrete 2 of 5,
Code 32, MSI, GS1 Databar
2D
All major symbologies, including QR
Code, Micro QR Code, Data Matrix,
PDF417, Micro PDF417, Aztec

PHYSICAL CHARACTERISTICS

Dimensions
151mm x 153mm x 84mm
Weight
540 grams (with cable)
Interfaces
USB
Material
ABS plastic
Color
Black
Input voltage
5 VDC ± 10%
Running current
270mA (typical)

