



BS122AI

Scanner with Integrated AI

Cutting-edge performance

Equipped with a 640x480 pixel CMOS image sensor, the BS122AI provides a depth of field of up to 650mm and can operate in light conditions of up to 100,000 Lux, ensuring accurate readings even in challenging environments. Its red LED light source and 1 meter per second decoding speed ensure fast and efficient scanning, ideal for retail, warehouse and industrial environments.

Artificial Intelligence for accurate detection

Thanks to its integrated artificial intelligence, the BS122AI intelligently detects the presence of barcodes, activating its sensor only when necessary. This technology not only improves energy efficiency, but also extends the life of the device, making it a sustainable and modern option for any business.

Adaptability and resistance in any environment

With an IP54 protection rating, the BS122AI resists dust and water ingress, while its ability to withstand drops of up to 1.5 meters ensures its durability in demanding environments. It operates efficiently in a temperature range of -20°C to 50°C and withstands extreme storage conditions of -40°C to 60°C.

Easy integration and connectivity

The BS122AI comes with a standard USB interface, making it easy to integrate into any existing system. With a power consumption of only 270mA, this device is efficient and cost-effective.

Pos & Office BS122AI: Intelligent, accurate and durable scanning, with the power of artificial intelligence.

BS122AI from Pos & Office: Intelligent Scanning with Integrated AI

The Pos & Office BS122AI barcode reader redefines data capture efficiency with its built-in artificial intelligence technology. Designed to deliver exceptional performance, this scanner automatically detects the presence of 1D and 2D barcodes, optimizing every scan and reducing processing time in any environment.

- Smart barcode reading
- Energy saving
- Compact and ergonomic



Technical Specifications

PERFORMANCE

Image sensor
CMOS
Resolution
640x480 pixels
Light level
0 - 100,000 Lux
Light source
Red LED
Depth of field
20-650mm
Minimum print contrast
≥20%
Viewing angle
Rolling: ±360°
Skew: ±70°
Pitch: ±65°
Decoding speed
1m/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
1.5 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
103mm x 105mm x 150mm
Weight
265 grams (with cable)
Interfaces
USB
Material
ABS plastic
Color
Black
Input voltage
5 VDC ± 10%
Running current
270mA (typical)

