



BSH-32B Premium Wireless Handheld Barcode Scanner

Star Micronics presents the BSH-32B, a premium wireless Bluetooth handheld barcode scanner designed for resilience and efficiency. This versatile scanner is an ideal solution for a wide array of business environments, including bars, nightclubs, cannabis dispensaries, and retail stores, especially where quick and accurate age verification and ID checks are essential.

The BSH-32B features a powerful CPU and high-resolution image sensor, enabling it to accurately read both 1D and 2D barcodes from multiple surfaces, including paper, uneven materials, or digital displays. A key functionality is its capability to read and parse data from IDs and driver's licenses, essential for businesses needing reliable age verification.

Designed for sustained use, it comes with a 2400mAh battery, supporting up to 12 hours of continuous operation, and a charging cradle for consistent readiness. The scanner leverages Bluetooth 5.0 technology for a stable wireless connection up to 50 meters, offering secure and reliable data transmission. It also provides versatile connectivity through its charging cradle.

The BSH-32B is as durable as it is functional. Its IP42-rated design and drop-resistant housing can withstand the demands of dynamic business environments. The scanner's sleek black design and Star branding,

synonymous with superior quality, complements any modern POS system.

Ideal for retail, inventory control, hospitality, QSR, and event spaces, the BSH-32B is a valuable addition to any business seeking a scanner that combines high performance, dependability, and aesthetic appeal in its POS solutions.

Features:

- **Captures high-density, high-volume, and distorted barcodes on paper or screen**
- **Long Battery Life: 12 hours of continuous operation (one scan every six seconds)**
- **High-Performance CPU: Can read and parse barcodes**
- **Two Forms of Communication: Connects directly to the host device via Bluetooth low-energy (BLE) or can be wirelessly connected via the charging cradle**
- **Durable Construction: IP42-rated design, drop-resistant (1.2m)**
- **Star-Branded with Superior Quality**
- **Convenient Charging Cradle Included**



Ability to connect to a tablet through Bluetooth



Cradle



DL Parsing



Included In Box



BSH-32B Specifications

Type	Wireless Handheld Barcode Scanner
Sealing	IP42
Image Sensor	1280×800 (megapixel) CMOS
Color	Black
Resolution	≥3mil
Symbologies - 2D	PDF417, Data Matrix, QR Code, Micro QR Code, Aztec, etc.
Symbologies - 1D	EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EAN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM 128, ISBT 128
Connectivity/Interface	USB, Bluetooth 5.0
Dimensions Weight	113(W)×71(D)×158(H)mm 214g
Typical Field of Depth	EAN-13: 50 mm-495 mm (13 mil) Code 39: 85 mm-220 mm (5 mil) PDF 417: 70 mm-215 mm (6.7 mil) Data Matrix: 50 mm-220 mm (10 mil) QR Code: 20 mm-325 mm (15 mil)
Scan Angle	Pitch: ±55°, Roll: 360°, Skew: ±55°
Field of View	Horizontal 39°, Vertical 24°
Min Symbol Contrast	25%
Driver's License Parsing	Can parse according to American Association of Motor Vehicle Administrators (AAMVA) October 2020 Specification.
Drop Resistance	Scanner: 1.2 m/3.9 ft Cradle: 1 m/3.3 ft
Communication Modes	Synchronous, asynchronous and batch mode
Communication Distance	50m/164 ft (direct line of sight in open air)
Battery	2400 mAh lithium-ion battery, 12 hours of continuous operation (scan once per 6 seconds), 4 hours expected charge time
Warranty	2 Year

Description	Model	Part Number
Scanner, Handheld, 1D/2D Imager, Battery Powered, Bluetooth 5.0/BLE/USB Wireless Adapter, Black, Includes Stand, mC-Print and mPOP Compatible	BSH-32B BLK	37950970