

BSH-20B



Wireless Handheld Barcode Scanner BSH-20B

A global provider of complete POS hardware solutions, Star Micronics is proud to offer the BSH-20B wireless 2D handheld barcode scanner with a stylish design, long battery life, and reliable wireless transmission.

Equipped with a high-powered CPU, this wireless scanner effortlessly captures high-density, high-volume, and distorted barcodes printed on paper, uneven media, or displayed onscreen.

Made to last, it features a 2400mAh battery, allowing up to 12 hours of continuous use. The included USB cable allows for convenient charging, as well.

With the latest Bluetooth 5.0 technology, the BSH-20B scanner effortlessly maintains a reliable wireless connection to transmit data, with communication distances up to 50m. It can also connect to the host device via a USB dongle.

Durable inside and out, the scanner features an IP42-rated design and a drop-resistant (1.5m) housing with no moving parts.

The BSH-20B wireless scanner is ideal for purchase/sales/inventory management, ticket/voucher management, and office automation.

It's available in shiny black or crisp white and is Star-branded with the superior quality expected from a POS industry leader.

Features:

- **High-Performance:** Powerful CPU 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)
- **Two Forms of Communication:** Connects directly to the host device via Bluetooth or can be wirelessly connected to a Star printer with the USB dongle provided
- **Durable Construction:** IP42-rated design, drop-resistant (1.5m)
- **Star-Branded with Superior Quality**
- **Scanner Stand Included**



Healthcare ready:

Our white scanners are washable with common household disinfectants without compromising the antimicrobial plastic housing.*



BSH-20B

BSH-20B included with stand



BSH-20B



Connect to Star printer



Ergonomic handle



Washable antimicrobial housing



BSH-20B Specifications

Type	Wireless Barcode Scanner
Sealing	IP42
Image Sensor	640 x 480 CMOS
Color	Black or White
Resolution	≥3mil
Symbologies - 2D	PDF417, Data Matrix, QR Code, Micro QR Code, Aztec, etc.
Symbologies - 1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 25, Standard 25, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.
Connectivity/Interface	Bluetooth 5.0, USB
Dimensions I Weight	144(L)×103(W)×69(H)mm 177g
Typical Depth of Field	EAN-13: 50-260mm (13mil) QR Code: 30-170mm (15mil) Code 39: 50-115mm (5 mil) PDF 417 50-120mm (6.67 mil) Data Matrix 35-125mm (10 mil)
Scan Angle	Pitch: ±60°, Roll: 360°, Skew: ±60°
Field of View	Horizontal 45°, Vertical 34°
Min Symbol Contrast	20%
Drop Resistance	1.5m
Warranty	1 Year

*1 - Antimicrobial properties are only present in white handheld scanners.

The active ingredient in nShield® 20532-Z50 is a broad-spectrum antibacterial agent with action against both Gram-positive and Gram-negative bacteria, as demonstrated in testing at independent laboratories using common industry standards such as JIS Z 2801 and ISO 22196. It contains inorganic antimicrobial ingredients with high-temperature stability. The active ingredient (LIFE DS/R-00-1A) in nShield® 20532-Z50 is registered for use as an antimicrobial with the US Environmental Protection Agency (EPA). nShield® is a registered product of Americhem Co., Ltd.

Description	Model	Part Number
Scanner, Handheld, 1D/2D Imager, USB Cable, Black, Includes Stand, mC-Print and mPOP Compatible	BSH-20B BLK	37950940
Scanner, Handheld, 1D/2D Imager, USB Cable, White, Includes Stand, mC-Print and mPOP Compatible	BSH-20B WHT	37950950

12/19/2024

Copyright © 2024 Star Micronics America, Inc. All rights reserved. Star Micronics and the Star Logo are trademarks of Star Micronics America, Inc.