



Handheld Barcode Scanner BSH-20U

StarMicronics introduces the BSH-20U, a high-performance 1D/2D handheld USB barcode scanner that blends accuracy, reliability, and cost-effectiveness. This scanner stands as a testament to Star's expertise in providing comprehensive, top-quality POS hardware solutions.

Equipped with a powerful CPU, the BSH-20U excels in capturing high-density, high-volume, and distorted barcodes on various surfaces, including paper, uneven media, or digital displays. This capability positions the BSH-20U as an economical solution, offering the advanced features of a 2D barcode scanner at the price of a 1D scanner. It also enjoys a standard 2-year warranty with options to extend.

Designed with durability, the scanner boasts an IP42-rated construction, ensuring resistance to dust and moisture. It also features drop-resistant housing (1.2m), adding resilience in active business environments. The BSH-20U is not just robust, however, but also stylish with its sleek, ergonomic design. It's available in shiny black or crisp white, aligning with the aesthetics of modern point-of-sale (POS) setups.

Ideally suited for a wide range of markets, including retail, hospitality, inventory management, and online ordering, the BSH-20U is versatile and adaptable. It can be directly plugged into any POS system, including Star's mCollection® products, making it user-friendly and easy to operate.

Star-branded for guaranteed quality, the BSH-20U is more than just a scanner; it's a reliable tool designed to enhance the efficiency and productivity of any business operation.

Features:

- **High-Performance:** Powerful CPU captures high-density, high-volume, and distorted barcodes on paper or screen
- **Durable Construction:** IP42-rated design, drop-resistant (1.2m)
- **Stylish Design:** Sleek, modern aesthetic
- **Cost-Efficient:** 2D scanning capabilities for the price of a 1D scanner
- **Can Plug Directly into Star's mCollection Products** (mC-Print2/3 & mPOP®)
- **Star-Branded with Superior Quality**
- **Scanner Stand Included**



Connect to Star printer



Washable antimicrobial housing



BSH-32U included with stand



Ergonomic handle



BSD-20U Specifications

Type	Wired Barcode Scanner
Sealing	IP42
Image Sensor	640×480 CMOS
Color	Black or White
Resolution	≥3mil
Symbologies - 2D	PDF417, Micro PDF417, Micro QR, QR Code, Data Matrix, Aztec.
Symbologies - 1D	Code 11, Code 128, Code 39, GS1-128 (UCC/EAN 128), AIM 128, ISBT 128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-8, EAN-13, ISBN/ISSN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 25, ITF6, ITF-14, Standard 25, China Post 25, MSI Plessey, Plessey, GS1 Databar (RSS).
Connectivity/Interface	RS-232, USB
Dimensions Weight	146×103×69 mm 125g
Typical Depth of Field	EAN-13: 50 mm-260 mm (13 mil) Code 39: 50 mm-115 mm (5 mil) PDF 417: 50 mm-120 mm (6.7 mil) Data Matrix: 35 mm-125 mm (10 mil) QR Code: 30 mm-170 mm (15 mil)
Scan Angle	Pitch: ±55°, Skew: ±55°, Roll: 360°
Field of View	Horizontal 45°, Vertical 34°
Min Symbol Contrast	20%
Drivers License Parsing	Cannot parse Drivers License barcodes
Drop Resistance	1.2m
Warranty	2 Year

Description	Model	Part Number
Scanner, Handheld, 1D/2D Imager, USB Cable, Black, mC-Print and mPOP Compatible	BSH-20U BLK	37950920
Scanner, Handheld, 1D/2D Imager, USB Cable, White, mC-Print and mPOP Compatible	BSH-20U WHT	37950930

*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.