BSD-40U

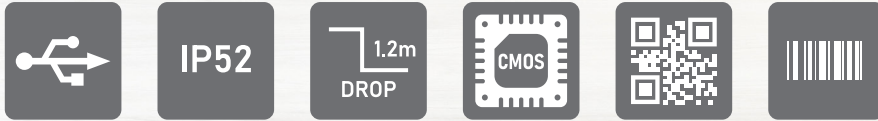| USB | IP52 | 1.2m DROP | CMOS | QR | Barcode |

The BSD-40U is a top-tier 2D desktop barcode scanner, blending high performance with reliable design. It efficiently and accurately reads 1D and 2D barcodes on a variety of surfaces, including paper, uneven media, and digital screens.

This scanner's advanced technology extends to reading and parsing data from IDs and driver's licenses, making it versatile for age verification and other diverse business needs. It features exceptional motion tolerance and an IR sensor for fast scanning in multiple modes. With an IP52-rated construction

BSD-40U is built for durability sleek and versatile, it's compatible with iOS, Android, and Windows and can plugs directly into any of Star's mCollection® products, making it a perfect fit for any business seeking reliable POS hardware solutions.

Retail

Healthcare

Self-Ordering

BSD-40U Tilt 60 Degrees

Small counter footprint

Connects to Star printer

BSD-40U Specifications

Type	Desktop Barcode Scanner
Color	Black or White
Sealing	IP52
Image Sensor	1280x800 CMOS
Resolution	≥3mil
Symbologies – 2D	PDF417, Data Matrix, QR Code, Micro QR Code, Aztec, etc.
Symbologies – 1D	Code–11, Code–128, Code–39, GS1–128(UCC/EAN–128), AIM128, ISBT–128, Codabar, Code 93, UPC–A, UPC–E, Coupon, GS1Composite, EAN–8, EAN–13, ISBN/ISSN, Interleaved 2 of 5, Febraban, Matrix 2 of 5, Industrial 25, ITF–6, ITF–14, Standard 25, ChinaPost25, MSI–Plessey, Plessey, GS1Databar (RSS)
Connectivity	RS–232, USB
Dimensions	83(W)×80(D)×147(H) mm
Weight	297 g
Typical Field of Depth	EAN–13: 10–210mm (13mil) QR Code: 10–180mm (15mil)
Motion Tolerance	2.5 m/s
Scan Angle	Pitch: ±50°, Roll: 360°, Skew: ±45°
Field of View	Horizontal 51°, Vertical 32°
Symbol Contrast	Minimum 25%
Driver's License Parsing	Can parse according to American Association of Motor Vehicle Administrators (AAMVA) October 2020 Specification.
Drop Resistance	1.2m drops to concrete (for six sides, one drop per side)

Description	Model
Scanner, Desktop, 1D/2D Imager, USB Cable, Black	BSD–40U BLK
Scanner, Desktop, 1D/2D Imager, USB Cable, Black	BSD–40U WHT

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