

2D DESKTOP BARCODE SCANNER

BS520

Large window design, omni-directional scanning. Own technology, the firmware can be upgraded online. Can read screen bar codes such as mobile phones and computers. USB and RS232 interface, can automatically match device, plug and play. Unique shape design, rotatable base to meet many scanning applications. Using the most advanced decoding algorithm, can decode most 1D and 2D. Blue LED indicator, double buzzer to adapt to various noisy environments.



For more information
www.pozoneintl.com

APPLICATION

Small chain supermarkets, convenience stores, franchised stores, payment, medical and healthcare etc.



1D



2D



Quick reading
























Plug and play



Anti seismic anti falling

TECHNICAL SPECIFICATION

| | | | | |
|---|---|---|---|---|
| OS Windows iOS / Android |  Image Sensor CMOS (Global exposure) |  Image(Pixels) 1280(H)*1024 (v)pixels |  light source Aiming:617 nm LED |  Motion tolerance Max : 2m/s |
| FPS Frame Rate 60fps/s |  Scan accuracy ≥ 4mil@ Code39 |  Print Contrast More than 25% |  Visual Indicator Blue LED Light , Buzzer |  Inter faces USB keyboard, USB virtual serial port, RS-232 |
|  Scan Angle Left and right : ± 60° Front and rear : ± 65° Rotate : 360° |  Field of view 48° horizontal, 30° vertical |  Transmission Mode Wired Transmission |  Dimension L x W x H 152*76*153 (mm) |  Weight 560g (with cable) |
|  Cable Standard 1.8M straight |  Case Material ABS+PC |  Power parameter Input Voltage : 5VDC±5% Working current : 300mA (Typical value) |  Environmental parameters Operating Temperature : -20 degree--+ 60 degree Working Humidity : 5% to 95% relative humidity , non-condensing Storage Temperature : -40 degree--+70 degree Electrostatic protection : ±8 kV (Direct discharge) Ambient brightness : 0~100,000Lux Drop Resistance : 2M IP : IP52 | |
|  Firmware Update Computer online upgrade |  Safety regulations CE (EN 55032:2015; EN 55035:2017), R OHS, BIS, EN62368-1 :2014+A11 :2017 FCC PART 15 CL ASS B |  Scan distance 0-200mm @ UPC/EAN 13mil PCS=90%; 0-150mm @ QR 20mil PCS=100% | | |
|  Decoding Capability 1D : 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),Addendum 2 of 5, IA TA Code ,MSI/Plessy, China Postal Code ,Code 32 (Italian Pharmacode), RSS-14、RSS-Limited、RSS-Expand, etc. 2D : QR Code , Data Matrix, PDF417 , Aztec, Maxicode , GS1 D ataBar stack etc. | | | | |

