



BR101-D / BR201-D



Consistent, fast and accurate

Posway BR101-D / BR201-D CMOS barcode scanner can fast and accurately read dirty barcode, damaged barcode plicated barcode, applies to different applications.

Support barcodes on various materials

Posway CMOS barcode scanner (Linear Image scanner), not only can read the 2D & 1D barcodes on printed paper, but 2D & 1D barcodes on mobile phone and computer displays, silver paper with reflective material, and barcode surface with water and ice.

Superior decoding performance

Posway BR101-D / BR201-D barcode scanner can reach 350+50 scans per second, fast and accurate.

Perfect process design and ultimate experience

Posway BR101-D / BR201-D uses imported ABS material, high quality rubber is a good buffer against impact. Nice design makes it different and popular. It applies to cashier for mobile payment and Logistics & Express.

Long life span

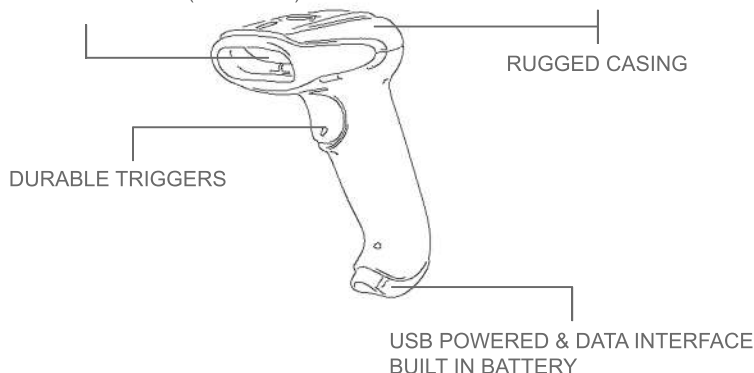
Shockproof and Anti-broken. Posway BR101-D / BR201-D barcode scanner, after 1.8 drop onto concrete surface floor, still works well.

Famous brand C&k button

Posway barcode scanner uses world famous brand C&k trigger button, even after 15,00,000 times trigger, it still works normally.

CCD SENSOR (BR101-D)
CMOS ARRAY SENSOR (BR201-D)

LONG LIFE SPAN
Shockproof and Anti-broken



Product details

Posway barcode scanners are compatible with almost all common systems, as Windows, Android, Mac OS, IOS, Linux etc.

Posway barcode scanners support multiple keyboard language: USA, Germany, French, Italy, Spanish, Turkey, Belgium, Brazil Czech and so on.

Support Custom Function: such as add a prefix/suffix, delete the last four characters, interlaced upload data...

Support self-upgrade, as no limitation for Keyboard Cash.

32 Bite CPU, the scanning speed is up to 350+50 times per second, highly efficient, and greatly improves the working efficiency.

Posway barcode scanners are play and pluy, no need to manual install driver

Can be adjusted the working mode of barcode scanner according to your own needs, as continuous reading or single reading, scan the same barcode or not, delay the time to upload data or not....

Posway barcode scanners apply to registry office of the airport/train station, hospitals, warehouses, supermarkets, retail stores, libraries, catering, logistics, express delivery, etc.

Support multi-barcodes, such as: 1D: UPC/EAN, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI 2D : QR, PDF417, Datamatrix



PHYSICAL CHARACTERISTICS

Dimensions	70 mm H x95 mm W x168 mm(L*W*H)
Weight	130g

ENVIRONMENTAL

Ambient Light	fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max
Operating Temperature	-20°C to 60°C / -4°F to 140°F
Storage Temperature	-40°C to 80°C /-40°F to 176°F
Humidity	5%-90%
Shock Drop Test	1.5m drop onto concrete surface

ELECTRICAL

Interface	USB HID KEYBOARD/USB VCP
Voltage Requirement	5VDC±10%
Current Consumption	Max:280mA
Battery	2000mAh (Lithium)

OPTICAL CHARACTERISTICS

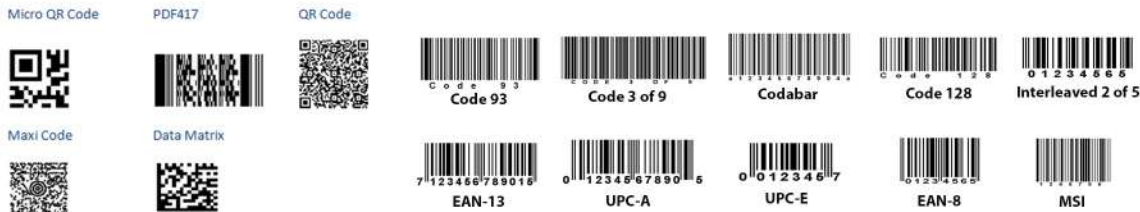
Photo Sensor	CMOS array sensor
Sensor Resolution	640X480 pixels
Aim Light Source	Red Bar LED
Light Source	white LED*1

SCANNING PERFORMANCE

Scan Rate	Up to 30fps
Scan Angle	Pitch angle: ±65° Skew angle: ±60° Tilt angle: ±180° Min X Dimension 1D:5mil(0.127mm)
Print Contrast	> 25%UPC/EAN 13 (13mil)
Field of View	34°(H),26°(V)

SUPPORTED BARCODE SYMBOLOGIES

1D: UPC/EAN,Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI, 2D: QR, PDF417, Datamatrix



CMOS Technology

CMOS readers use an array of hundreds of tiny light sensors lined up in a row in the head of the reader. Each sensor measures the intensity of the light immediately in front of it. Each individual light sensor in the CMOS reader is extremely small and because there are hundreds of sensors lined up in a row, a voltage pattern identical to the pattern in a barcode is generated in the reader by sequentially measuring the voltages across each sensor in the row. The important difference between a CMOS reader and a pen or laser scanner is that the CMOS reader is measuring emitted ambient light from the barcode whereas pen or laser scanners are measuring reflected light of a specific frequency originating from the scanner itself.



Box contains



Barcode Scanner



Data Cable



User Manual



Wireless Dongle



LINUX

