TECHNICAL SPECIFICATIONS

2D BARCODE READER – BRC2D



OVERVIEW

BCR2D is 2D barcode scanner built for the harshest and most demanding applications in warehousing, transportation and logistics, and manufacturing industries. This 2D USB barcode scanner is a preferred scanner because of its reading capability which provides a scanner that is able to read any kind of 1D or 2D barcodes, regardless of the orientation.

ADVANTAGES

- Rapidly and accurately scan 1D and 2D barcodes
- High speed, low power consumption eliminates the need to rescan
- Aggressive digital imager scan engine offers flexible read range
- Ergonomic design for additional comfort
- Improve productivity and prevent data-entry errors
- Simplify business processes while improving accuracy and efficiency

APPLICATIONS

- High-volume 1D/2D barcode scanning
- Office and retail Point-of-sale
- Healthcare
- Shipping & receiving
- Hospitality, travel, and entertainment

TECHNICAL PARAMETERS

Model : POSLUX BRC2D

Sensor:	640*480 CMOS	
Scanning method:	manual or automatic induction	
Lighting:	white LED	
Focusing:	red LED	
Motion tolerance:	2M/S	
Reading precision:	(> 4MIL)	
Scanning angle:	Rotation 360°, Tilt 55°, Pitch 55°	
Visual Indicator:	LED & buzzer	
Communication	USB (HID-KBW & Virtual Serial Port)	
Interface Supported Barcode:	2D bar code: QR Code, Data Matrix, PDF417, Aztec, Maxicode	
	1D Haxinbar Coecode: EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128,	
Visual Indicator:	Two-color LED lamp & buzzer	
Voltage:	DC: 5V	
Current:	working current:	65 mA
	Standby Current:	15 mA
	Maximum current:	85 mA
Environmental parameters	Working temperature:	-20℃+50℃
	Storage temperature:	-40℃+70℃
	Relative Humidity:	5%~95% (non-condensing)
	Electrostatic	4KV (Direct Discharge) 10KV (Air Discharge)
	Drop/Shock Resistance:	withstands multiple times 1.2 meters drops to concrete
	Protection Level:	IP54
Depth of scan field	Depth of field and	1MIL=0.0254MM
	EAN-13:	EAN-13:60mm-160mm (13mil)
	Code39:	Code39: 50mm-80mm (5mil 10 bytes)
	Data Matrix :	Data Matrix :40mm-80mm (10mil 20 bytes)
	PDF 417 :	PDF 417 :40mm-90mm (6.67mil 7 bytes)
Physical parameters	SIZE:	L (170) *W (65) *H (93) MM
	Weight:	138 g (not including the cable)
Box	Size	210*150*100 mm
	Weight	0.55 kgs
Carton	pcs / Carton	40
	Size	520*435*620 mm
	Weight	23 kgs

CE RoHS Compliant FC