



# BC-1050

## High Speed 1D&2D BARCODE SCANNER

### Highlights

- » With the combination of advanced hardware and algorithms, BC-1050 instantly captures the most problematic barcodes with lightning speed, including those that are poorly printed, wrinkled, faded, distorted, dirty or damaged barcodes and electronic barcodes on smartphones, even when the screen is dimly lit.
- » Seamlessly scan all common 1D and 2D bar codes presented on mobile screen or printed.
- » Plug and Play, compatible with different operating systems.
- » Easily decodes PDF417 on USA driver license, ID cards and boarding pass.

**Seamlessly Scan all common 1D and 2D codes presented on mobile screen or printed**



1D Code



2D Code



Screen Scan



## Specification

Performance				
Sensor		640*480 CMOS		
Symbologies	1D	EAN-8,EAN-13,EAN-13 2 add-on, EAN-13 5 add-on,ISSN, ISBN,UPC-A,UPC-E,Code 11 Code 32,Code 39,Code 39 FULLASCII,Code 93,Code 128, Codabar,Industrial 2 of 5,Interleaved 2 of 5 Matrix 2 of 5,ISBT -128,GS1128, GS1 DataBar(RSS14),GS1 DataBar Limited, GS1 DataBar Expanded		
	2D	PDF417,MicroPDF417,MicroQR, Data Matrix,QR,Aztec		
Scanning Range		Test Code	Min. Range	Max. Range
		UPC-13mil	4cm	35cm
		20 mil Code39	7cm	50cm
		20 mil QR Code	2cm	30cm
Decode Accuracy		Code 39 4mil		
System Compatibility		Linux,Android,Windows XP,7, 8,10,MacOS		
Scan Mode		Manual Scan, Auto Scan		
Support Keyboard		American-English, French, Italian, German, Spanish, Finnish, Japanese, Russian, Arabic, Irish, Polish, Dutch, Czech, Portuguese (Portuguese, Brazilian), Swedish, Turkish F, Turkish Q , Greek, Belgian-French,UK-English		
Code Available		1D, 2D Codes printing on Paper or film or screen		
FPS		120		
Symbol Contrast		25%		
Secondary Development		Not Support		
Barcode Output Editing		Support adding prefix and suffixes		
Human Interaction				
Indicator Light		Blue LED Flash when decoding		
Buzzer		Beep-Startup Beep-Good Read Beep-Error		
Environment Parameters				
Duration		Withstand 5 drops from 2 meters		
Environmental Sealing		IP54		
Working Temperature		-20-55°C/-20-60°C		
Working/Conserve Humidity		5-95% Non-condensed		
Environment Light		0-70000LUX		

Specification

Physical Parameters				
Net weight		100g		
Packing weight		300g		
Data line length		180CM(±3CM)		
Host size(L*W*H)		168mm*85mm*62mm		
Packing size(L*W*H)		240mm*140mm*89mm		
Transmission		USB( USB-HID,USB-COM), RS232		
Working Voltage		5V		
USB Manual Scan	Standby current	68mA/0.34W	USB Auto Scan	112mA/0.56W
	Working current	280mA/1.4W		196mA/0.98W
	Maximum current	306mA/1.53W		214mA/1.07W
Serial Port Manual Scan	Standby current	68mA/0.34W	Serial Port Auto Scan	113mA/0.565W
	Working current	288mA/1.44W		190mA/0.95W
	Maximum current	304mA/1.52W		212mA/1.06W