



2D Imaging Scanner

BD-2000

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BD-2000 is a high performance scanner that reads 1D and 2D code omnidirectional. BD-2000 scanner decodes virtually all of standard barcodes, including 1D, Aztec Code - Aztec Runes - Data Matrix (ECC200/ECC140) - Maxi Code (mode 2~5) - MicroPDF417 - PDF417 - QR code regardless of orientation.

Advanced imaging technology and CMOS camera sensor yields fast and accurate scans.

An outstanding feature of the BD-2000 is reading codes directly from the LCD display of mobile phone.

Specifications

* The product is compliant with RoHS

General	
Interface	RS-232 , USB
Supported(1d) Symbologies	UPC-A,UPC-E,EAN,JAN,CODE-39, CODE-93, CODE-128 NW-7(CODABAR), Industrial 2 of 5,Interleaved 2 of 5 MSI/Plessey,IATA,RSS Code
Supported(2d) Symbologies	PDF417, MicroPDF417, QR Code, Micro QR, Data Matrix(ECC140/ECC200), Maxi Code(mode 2-5) Aztec Code
Optical	
Optional System	1280 (H) X 1024 (V) SXGA cmos sensor
Reading Speed	30 fps
Min. Pcs Value	> PCS 0.45
Min. Resolution	0.127 mm (CODE-39,PDF417) 0.169 mm (QR code,Data Matrix)
Aiming Light	2 green led (630nm)
Reading Light	4 red led (630nm)
Field Angle	Horizontal: 49 Vertical: 37.5
Reading Tilt Angle	360°
Ambient Light Immunity	Fluorescent Light : 10,000 lux Sun Light : 100,000 lux
Electrical	
Power Supply Voltage	5V DC ± 5%
Working Currents	310 mA
Standby Currents	100 mA
Environment	
Temperature In Operation	0°C ~ 50°C
Temperature In Storage	-20°C ~ 60°C
Humidity In Operation	20%RH ~ 90%RH
Humidity In Storage	10%RH ~ 95%RH
Physical	
Housing Material	ABS plastic
Cable Length	1.5M
Weight Scanner	140 ± 5g(withcable)
Dimensions	160 mm (L) X 68 mm (W) X 88 mm(H)
Shock Resistance	Approved by 1.5M drop test onto concrete ground



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