

Technical Specifications

Model CD-108eII series

Optical

Width of Window	80mm
Light Source	Visible Red light 632nm LED
Processor	32 bit MCU
Scanning Speed	120 scans/sec $\pm 10\%$
Depth of Field	50mm@20mil/0.5mm, PCS90%
Ambient Light	5000 Lux Max. (Fluorescent lamp) ; 3000 Lux Max. (Direct sun light)

Reading Performance

All UPC/EAN/JAN, EAN128 Code, Code 39, Code 39 Full ASCII, Code32 / Italian Pharmacy, Code 128, CODABAR/NW7, Interleave 25, Industrial 25, Matrix 25, MSI/PLESSEY, Telepen, Code 93, Code 11, China Postage, Code 26, LCD25, GS1 DataBar Omnidirectional & Stacked, GS1 DataBar Limited, GS1 DataBar Expanded & Stacked

Resolution	4mil/0.1mm@ PCS90%, Code39
PCS	Min. 30%

Symbologies

Electrical

Interface	PS2, RS232, USB (HID + COM)
Indicator	Beeper and LED (Good read Green)
Connector	RJ 45C 10Pins
Voltage	DC +5V $\pm 5\%$
Operating Current	120-124 mA
Standby Current	71-72 mA

Environment

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20% to 95% (Non-condensing)

Physical

Material	ABS Plastic and Rubber
Weight	Approx. 130g (without cable)
Dimension	174 x 90 x 56 mm

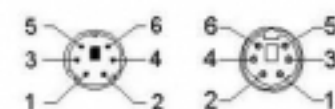
Durability

Drop test	1.2M drop on concrete surface
Life Time	50,000 hours MTBF(Calculated)

PIN ASSIGNMENTS

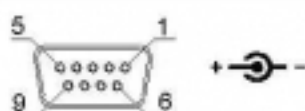
Keyboard interface

Mini DIN 6 MALE		Mini DIN 6 FEMAL	
Pin No.	Function	Pin No.	Function
1	HOST DATA	1	KB DATA
3	GND	3	GND
4	Vcc (+5V)	4	Vcc (+5V)
5	HOST CLK	5	KB CLK



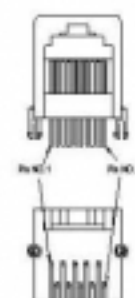
RS-232 interface

DB 9 Female	
Pin No.	Function
2	TXD
3	RXD
5	GND
7	CTS
8	RTS
9	Vcc/+5V
Power Lead	Vcc/+5V



Decoder Data Output (Type RJ45 10P)

Pin No.	Function	Pin No.	Function
1	RTS	6	KB CLK
2	HOST DATA	7	TXD
3	GND	8	KB DATA
4	HOST CLK	9	RXD
5	Vcc (+5V)	10	CTS



USB interface

USB A Type Male	
Pin No.	Function
1	Vcc
2	D-
3	D+
4	GND



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