

High Performance, 82mm Scan Width

Barcode CCD Scanner



TYSSO CCD series are handheld CCD bar code scanners which are based on CCD solid state scanning system, featuring 82mm scan field.

Manufactured through strict quality assurance procedures, the barcode CCD scanners provide long lasting reliable and efficient service to business applications.

TYSSO CCD scanners are rugged, contain no moving parts and equipped with firmest cabling. It's a tool that will give you years of accurate, and reliable usage.

Features:

- **Comptability**
Supports a wide range of systems : PC XT/AT, PS/2, Macintosh, POS, Mainframes and Terminals.
- **Connectivity**
Provides integrated RS-232 and keyboard interfaces for more connectivity options, reducing inventory levels.
- **Durability**
Portable for rough working environment and can withstand drop test of one meter onto concret surface.
- **Modularity**
The connecting cables is detachable, giving the flexibility and convenience to maintain this product.
- **Customized**
The scanner can be modified according to customer's specification.
- **Cost-effective**
- **Powerful features in specified models**
 - Low power consumption < 60mA
 - Long field depth > 3"
 - High scan rate \geq 200 scan/sec.

Specifications:

Engineering Design

Light Source	660nm Red LED Array
Power Source	+5V DC, $\pm 5\%$
Photo Sensor	2048 PIXEL CCD
Processor	Intel 8C31
Decoder	Proprietary
Body Material	ABS
Cable	2.0 Meter, Straight
Weight	130g without cable
Interface	TTL, Keyboard Wedge, RS-232, Wand Emulation, OCIA, and etc.

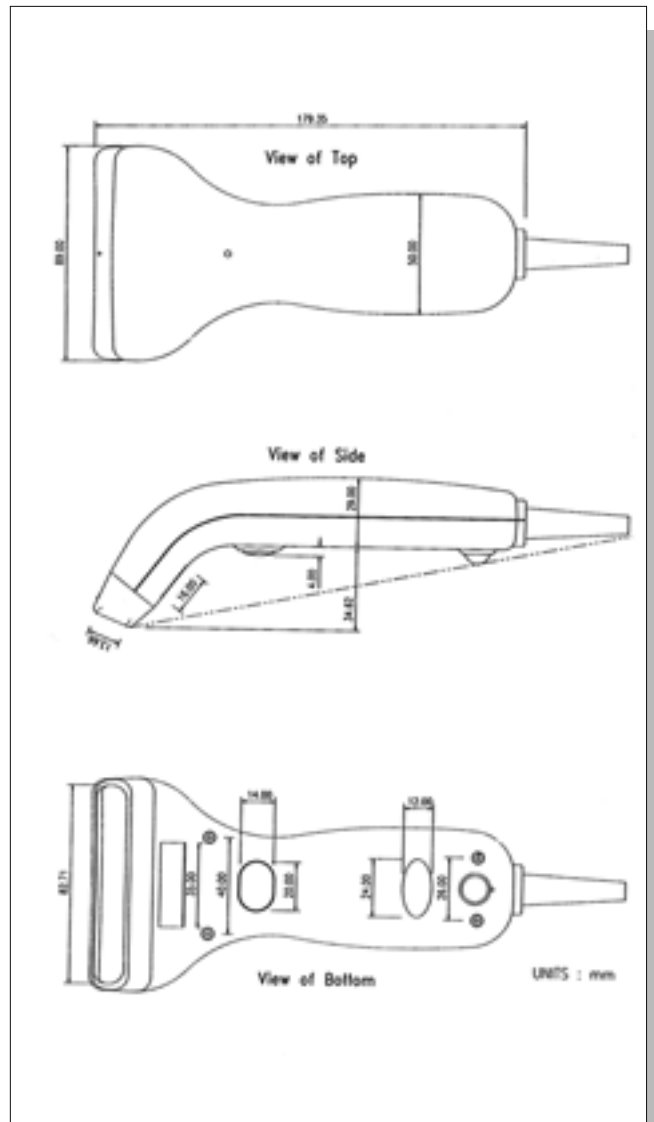
Performance

Scan Rate	33 Scan/sec to 200 Scan/sec
Resolution	0.1mm(4 mil) Max.
Print Contrast Ratio	45% Min
Depth of Field	0~15mm(for normal series) 0~75mm(for long-range series)
Width of Field	82mm(max.)
Power Consumption	60mA(for low-power series) 120mA(for normal series)
Shock Resistance	1 meter drop onto concrete
Readable Barcodes	Code 39, Full ASCII Code 39, UPC/EAN/JAN, CODABAR, Interleaved 2/5, Code 128, Code 11, Code 93, MSI/PLESSEY, Code 4

Operating Environment

Operating Temperature	0°C~50°C
Storage Temperature	0°C~60°C
Relative Humidity	5% to 95% noncondensing
EMI Emission	FCC class A, CE
Ambient Light	1500 Lux
Connectivity	DB9, DB25, AMP, RJ-45, RJ-11, DIN5, DIN6, PS/2...

Dimensions:



Series & Models:

Series

CCD-80E	Economical series
CCD-80P	Low power consumption < 60mA
CCD-80D	Long field depth > 3 inches
CCD-80S	High scan rate 200 Scan/sec

Models

CCD-80	TTL output without built-in decoder
CCD-81	Wand-emulation with built-in decoder
CCD-82	RS-232 interface with built-in decoder
CCD-83	Keyboard wedge with built-in decoder
CCD-84	Keyboard and RS-232, Two in One
CCD-85	OCIA Interface

ISO-9002 Certified



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