



TYSSO[®]

Insist on the Best

OS Series Barcode Scanner

OSC Series: CCD Barcode Scanner

OSL Series: Laser Barcode Scanner



Compact, Functional, and Economical

FEATURES

- High quality and high performance
- Full featured and full functions
- Wave length: 660nm for CCD, and 670nm for Laser
- Scan speed: 100 scans per second
- Reading depth: 2cm up to 30cm, depend on different engines
- Reading width: Up to 10cm
- Reading PCS: 0.45 or larger reflection factor of space and margin
- Interfaces support: Keyboard wedge, RS-232, Wand emulation, TTL, USB, etc.
- Full functions of built-in decoder, software configuration.
- Auto-discriminates among all common barcode symbologies.



SPECIFICATIONS

OS series

Type	Series	Built-in Scan Engine	Max. Resolution	Reading Distance
Laser	OSL-4000	Opticon VLM-4000	4mil (0.1mm)	2-25cm
	OSL-4110	Metrologic MS-4110	5mil (0.125mm)	3-15cm
CCD	OSC-1000	TYSSO CD-610	4mil (0.1mm)	2-10cm
	OSC-2000	TYSSO CD-630	4mil (0.1mm)	5-30cm

Scan Design

Nominal scan rate	100 or 33 scans/sec.
Wavelength	670nm±10nm for Laser 660nm±10nm for CCD
Maximum pitch	±65 degrees
Maximum skew	±50 degrees

Engineering Design

Power source	+5VDC, ±5%
Processor	Intel 80C31
Decoder	Proprietary
Body material	ABS
Current consumption	55mA~90mA(max.) For undecoded
Weight	160g (excluding cable)
Shock resistance	1 meter drop onto concrete

Operating Environment

Operating temperature	0°C to 45°C
Storage temperature	-20°C to 65°C
Relative humidity	5% to 95% non-condensing
EMI emission	FCC class A
Ambient light	3,000 to 8,000 Lux.
Connectivity	DB9, DB25, AMP, DIN5, Mini-Din6, and etc.

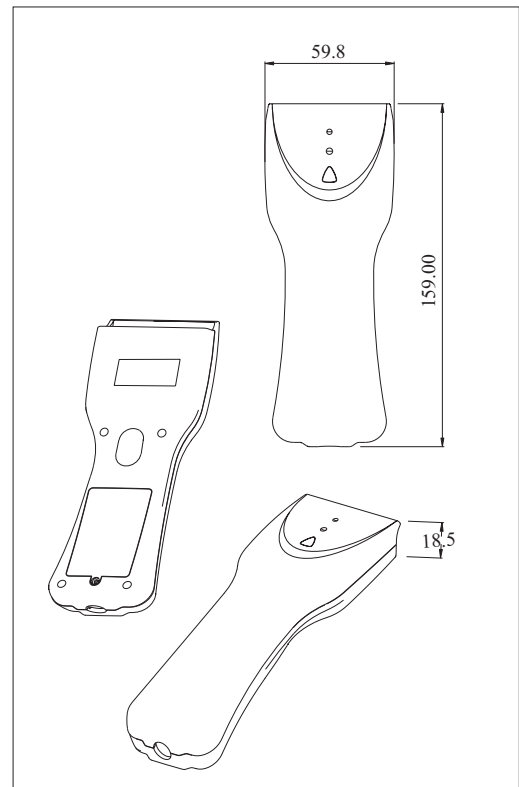
Readable Barcodes

Code 39, Full ASCII Code 39, UPC/EAN/JAN, CODABAR, Interleaved 2/5, Code 128, Code 11, Code 93, MSI/PLESSEY, Code 4, and etc. Special code can be requested.

Interfaces

K	Keyboard Wedge
R	RS-232 Interface
W	Wand Emulation
U	USB Interface
T	TTL Undecoded

DIMENSIONS



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