TYSSO ®

SLR-70/SLR-700 Series

Bar Code Slot Reader

- Metal or Plastic Housing
- Scan Height can be Requested and Adjusted.
- TTL Module with Light Source can be upon OEM Request.
- High Performance, Read from 5 mil Resolution

SLR-70 Series
Plastic Housing

SLR-700 Series
Metal Housing

The Barcode Slot Readers are designed to provide excellent scanning performance on a wide variety of barcode cards, badges, tags or printed forms.

The reader is available in either an infrared or a visible red optical system. It contains an advanced optics and electronics system that provide a greatly improved first read data even on poorly printed barcodes.

The optics and electronics are housed in a rugged ABS or metal case which is fully sealed, making the readers can be used outdoors or in wet environment.

Features:

- **High Resolution**
  Compatible with virtually all barcode resolutions, and compatible with most decoding software.
- **Sealed ABS or Metal Case can be Requested**
  - Water splash proof design
  - Can be installed out-doors or in wet environment.
- **Tamper Proof Design**
  Ideal for security applications
- **Available in either visible 660 nm or infrared 940nm versions.**
- **Operating Temperature Range:** $0^{\circ}C \sim 55^{\circ}C$
- **Available in Various Interfaces**
  TTL, Keyboard Wedge, RS-232 and USB.
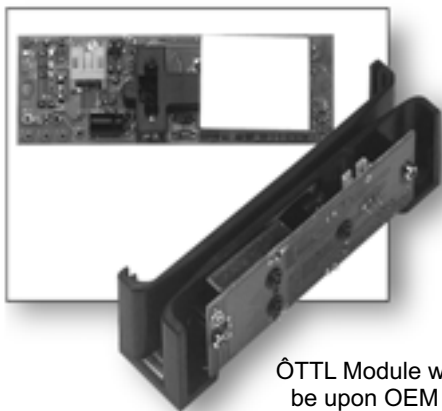
Specifications:

Engineering Design

- **Light Source** 660nm Ruby Red LED Light
  940nm Infrared Light

- **Dimensions** 123.5mm x 123.5mm x 33.0mm
  (Plastic Housing)
  123.5mm x 60.5mm x 36.5mm
  (Metal Housing)

- **Power Consumption** 10mA (Undecoded output)
  50mA (Decoded output)

- **Interface** TTL, RS-232, Keyboard Wedge

- **Connector** DB9 Female, DB25 Male,
  AMP, DIN6, DIN5, PS/2,
  RJ-45, RJ-11, and etc.

Performance

- **Resolution** 5 mil(0.127mm) at PCS 0.9

- **Depth of Field** 1.4 mm

- **Ambient Light
  Rejection** 10000 Lux

- **Scan Velocity** 70~500 mm/sec, bi-direction

Operating Environment

- **Supply Voltage** +5 VDC, $\pm$ 5%

- **Operating
  Temperature** $0^{\circ}C \sim 55^{\circ}C$

- **Storage Temperature** $-20^{\circ}C \sim 70^{\circ}C$

- **Relative Humidity** 0~95% noncondensing

ÔTTL Module with light souce can
be upon OEM request.
ÒAlso available in TTL Module
with plastic housing which size
is compatible with most MSR
(90mm or 100mm Length)

Models:

SLR-70 Series (Plastic Housing)	
SLR-70	TTL output
SLR-72	RS-232 interface with built-in decoder
SLR-73	Keyboard wedge with built-in decoder

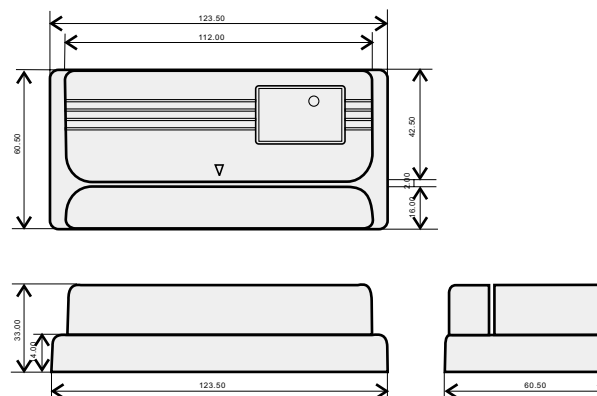| SLR-700 Series (Metal Housing)	
SLR-700T	TTL output
SLR-700R	RS-232 interface with built-in decoder
SLR-700K	Keyboard wedge with built-in decoder

Applications:

- Security access control
- Time and attendance recording
- Other barcode badge and card reading application

Support Input Reading for Decoded Models

- Code 39
- Codabar
- Standard 2 of 5
- Code 93
- MSI
- UPC-A (with 2/5 digit add-on)
- UPC-E (with 2/5 digit add-on)
- EAN-8 (with 2/5 digit add-on)
- EAN-13 (with 2/5 digit add-on)

- Code 39 full ASCII
- Interleaved 2 of 5
- Code 11
- Code 128
- Code 4

Dimensions: