

## Barcode Slot Reader



### MS146 Barcode Slot Reader

The MS146 bar code slot reader applies for time control, security access, or attendance control applications with pre-printed forms and scanning cards or badges. It is also an ideal economic device either for desk-top or for multi-direction for side-mounted applications on the wall, which interface with all popular devices. The MS146 slot reader has a wide slot and features perfect read rates on high density labels with its resolution of 0.15mm. It's sealed optical system with IP54 rugged housing allows MS146 read the label in the harshest industrial environment without degrading its performance.

### Features

- Sealed optical system with IP54 rugged housing
- Wide bar code slot with flexible reading angle and higher resolution
  - Multi-direction for flexibility of installation
  - User configurable via PC programming
  - Compatibility with all popular computer and devices
  - Provide desktop or side-mounted application on the wall
- Suitable for different cards of different dimension and printing qualities
  - Available with TTL, keyboard wedge RS232 and USB interfaces
    - Advanced Data Editing
    - 50 mm to 700 mm/sec Scan Rate
    - 6 mil minimum resolution

### Optical

Light Source	Infrared: 930 nm LED Visible light: 660 nm LED
Sensor	Photo diode
Depth of field	2 mm
Resolution	6 mils (0.15mm) min
Print Contrast	0.6 minimum
Scan Speed	50 ~ 700mm/Sec
M.T.B.F	25000 Hours

### Functionality

Symbologies	Code 39 standard and full ASCII, EAN-13, UPC-A, EAN-8, UPC-E, standard 2 of 5, Code 128, Code 93, MSI, Code 11, Code 32, Delta Code, Label Code, Plessey Code, Codabar
Interface	USB, Keyboard wedge, RS232, TTL (undecoded)

### Mechanical and Electrical

Dimensions	128 mm (L) x 53 mm (W) x 33 mm (H)
Weight	180 g
Power consumption	35 mA for TTL 5V DC 5% 70mA for Decoded version
Beep sound volume	>70dB

### Environmental

Operating Temperature	0 C° to 50 C°
Storage Temperature	-20 C° to 60 C°
Humidity	0% to 95% RH non-condensing
Mechanical Shock	5 ft. (1.5 m) drop on concrete



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