



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. Its 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

| | |
|----------------|---|
| 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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