Unitech MS146
Designed for Maximum Versatility

The MS146 Barcode Slot Reader

The MS146 barcode slot reader is designed for time control, security access, or attendance control applications using forms, scanning cards or badges. An ideal economic device for either desktop or multi-directional side-mounted applications on the wall, the MS146 is available on multiple interfaces. It has a wide slot and features perfect read rates on high-density labels with a resolution of 0.15mm. The MS146's sealed optical system has an IP54 rating, allowing it to read a label in the harshest industrial environment without degrading its performance.

Features

- Sealed optical system with IP54 rating
- Wide barcode slot with flexible reading angle and high resolution
- Multi-directional for flexibility of installation
- Available with multiple interfaces
- Provides desktop or side-mounted application
- Suitable for cards with different dimensions and printing qualities
- Available with TTL, keyboard wedge, RS232 and USB interfaces
- Advanced data editing
- 50mm to 700mm/sec scan rate
- 6 mils 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 – 700 mm/sec
M.T.B.F	168,789 hours

Functionality

Symbologies	Code 39 standard and full ASCII, EAN-13, UPC-A, EAN-8, 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	5 in (L) x 2 in (W) x 1.3 in (H)
Weight	6.35 oz
Power Consumption	35 mA for TTL 5V DC 5%
	70 mA for decoded version
Beep Sound Volume	>70dB

Environmental

Operating Temperature	32°F to 122°F
Storage Temperature	-4°F to 140°F
Humidity	0% to 95% RH non-condensing
Mechanical Shock	5 ft (1.5m) drop on concrete

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About us
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- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

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