Scanners

MS140/I
Bar Code
Slot Reader

The MS140 family of bar code slot readers is a flexible, cost effective solution when you demand a reliable and rugged slot reader. With a resolution of up to 6 mils (0.15 mm), the MS140 is capable of reading any bar coded identification badge.

Its sealed optical system is available in both visible light or infrared. The infrared units ensure accurate reading of either visible and laminated badges. Its water resistant base and rugged housing make the MS140 a popular choice in any environment. An optional mounting bracket is available to safely secure the unit in any direction.
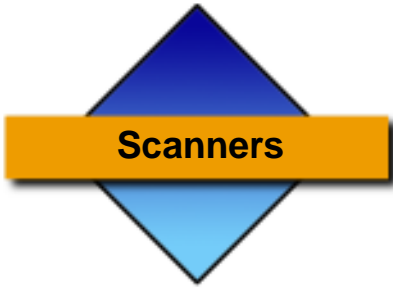
Like most of our products, the MS140 is available with a variety of interfaces, including undecoded (TTL), keyboard wedge (XT/AT, PS/2 and Macintosh), and RS232. All Unitech undecoded products have pen output and can be connected to any of the our wedge line or to any external device that accepts pen input.

Decoded versions are easy to use and configure. Both the keyboard wedge and RS232 can be configured on-screen by selecting the desired options from a menu. And the configuration can be reproduced in other units by generating custom setup labels.

Features:

- Available with TTL, keyboard wedge and RS232 interfaces.

- Reads most popular bar code symbologies.

- Easy to use and configure.

- 50 mm to 750 mm/sec Scan Rate.

- 6 mil minimum resolution.

- Reads visible and laminated barcode labels.

- Advanced Data Editing.

- Rugged, lightweight housing.

- Wide slot allows thicker badges.

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Ordering Information:

MS140A	Visible light, undecoded, DB9 Squeeze & Release connector
MS140-2	Visible light, RS232, DB9 connector (may require 5V AC adapter)
MS140-3	Visible light, keyboard wedge interface, DIN connectors
MS140-3PS2	Visible light, keyboard wedge interface, miniDIN (PS/2) connectors
MS140IA	Infrared light, undecoded, DB9 Squeeze & Release connector
MS140I-2	Infrared light, RS232, DB9 connector (may require 5V AC adapter)
MS140I-3	Infrared light, keyboard wedge interface, DIN connectors
MS140I-3PS2	Infrared light, keyboard wedge interface, miniDIN (PS/2) connectors

SPECIFICATIONS	
PERFORMANCE:	
Light source	Infrared: 930 nm LED (MS140I)
	Visible light: 660 nm LED (MS140)
Sensor	Photo diode
Depth of field	2 mm
Resolution	6 mils (0.15mm) min.
PCS	0.6 min.
Scan rate	2.0" (50 mm) to 30" (750 mm)/sec
INTERFACE:	
Symbology	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	PC XT/AT, PS/2, Macintosh, RS232, TTL (undecoded)
Configuration	Setup via Keyboard
Data Editing	Code Id, preamble, postamble
MECHANICAL / ELECTRICAL:	
Dimensions	4.9" x 2.4" x 1.3" (123.5 x 60.5 x 33.0 mm) LxWxH
Weight	190 g (TTL with cable)
Digital Output	Open collector, black = high level (TTL)
Power consumption	35 mA for TTL @5V DC 5%
	70 mA for Decoded version
Cord	6.9 ft. (2.1 m) straight line
ENVIRONMENTAL:	
Temperature	Operating 32° F to 122° F (0° to 50° C)
	Storage: -4° F to 140° F (-20° to 60° C)
Humidity	0% to 95% RH non condensing
Mechanical Shock	5 ft. (1.5m) drop on concrete