



MSR-9123V

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Born Value

Enhanced Device with Excellent Functions

Born Value with naturally powerful magnetic stripe card reader



Keeps a low profile

The 90mm magnetic stripe card reader is designed for POS (point-of-sale or Point-of-service) applications where space is at an absolute premium.

Heavy-duty and versatile

This “V” series 90mm MSR reader is designed with a stainless steel wear surface to ensure long life and accurate registration. The magnetic head assembly is mounted on a wing spring that provides support, deflection, and gimble to accommodate bowed or warped cards.

Reliably reads and full functionality

This “V” series MSR reader reads up to three tracks of data with a single swipe in either direction. Its standard-length slot makes it easy to use, with less than one error in 100,000 bits.

Field proven to reliably read jitter, low amplitude, and sort-out cards at 3 to 60 ips.

More programmable Features

This “V” series is a fully programmable reader. Reader output format can be customized with user-friendly Windows-based configuration utility. For example, after reading and validating card data, the unit can be programmed to parse the data characters, and add prefix/suffix characters while maintaining data integrity through vertical and longitudinal error checking. The reader also includes language options to ensure that the correct data is sent to the terminal.



Ordering Information:

MSR-9123VBU:

90mm V series MSR reader,
T1+2+ 3, USB K/B, Black

Options: Beige color

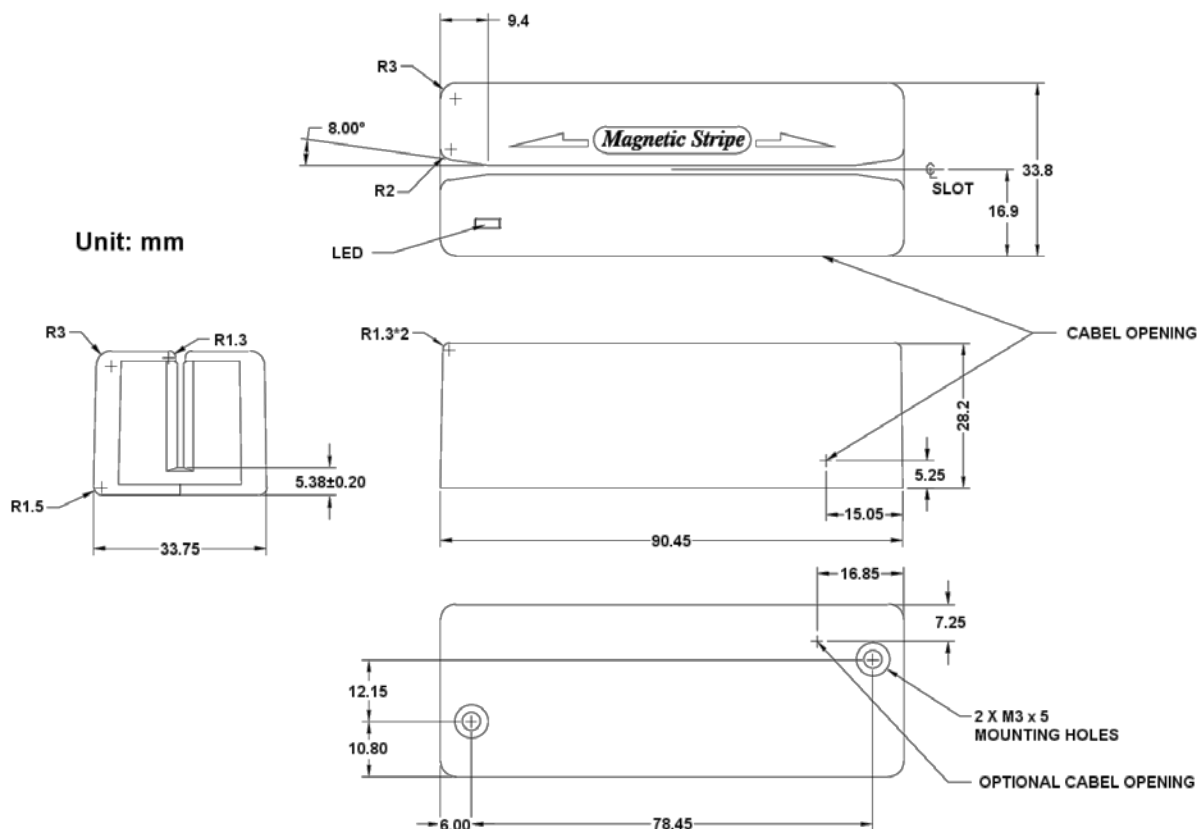
Other interfaces:

PS2, RS232, Powered RS232,
USB COM and USB HID



Technical Specifications

Electrical		
Power Requirements	Voltage	+5 VDC +/-10%, 50mV ripple Max.
	Current	Keyboard (PS/2): 40mA Max. RS-232 & RS-232 Port Powered: 70mA Max. USB-HID, USB-CDC, USB-KB: 70mA Max
Interfaces		Keyboard (PS/2), RS-232, RS-232 Port Powered, USB-KB, USB-HID, USB-COM
Mechanical		
Media Thickness	0.381mm (0.015 in.) to 1.14mm (0.038 in.)	
Media Formats	ISO 7810-7813, AAMVA, JIS-II, and other F2F formats	
Slot Width	0.040 inches (1.37mm)	
Swipe Speed	76-1524mm (3 -60 in.)/second, Bi-directional	
Standard Decoding Densities	Tracks 1: 210 DPI ; Track 2: 75 or 210 BPI; Track 3: 210 DPI	
Dimensions	90mm(L) x 34mm(W) x 28mm(H) / 3.54in.(L) x 1.34in.(W) x 1.10in.(H)	
Weight	130g	
Indicators	Tri-colored LED, Beeper	
Cable Length	1.8M side exit cable	
Cable Connector	Keyboard - 6 pin mini-DIN ; RS-232 DB9F ; USB	
Reliability		
Operating Life	1,000,000 cycles minimum	
Environmental		
Operating Temperature	0°C to 55°C (32°F to 131°F)	
Storage Temperature	-30°C to 65°C (-22°F to 149°F)	
Humidity	Maximum 95% non-condensing, dry storage	



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