

USB Magnetic Stripe Card Readers



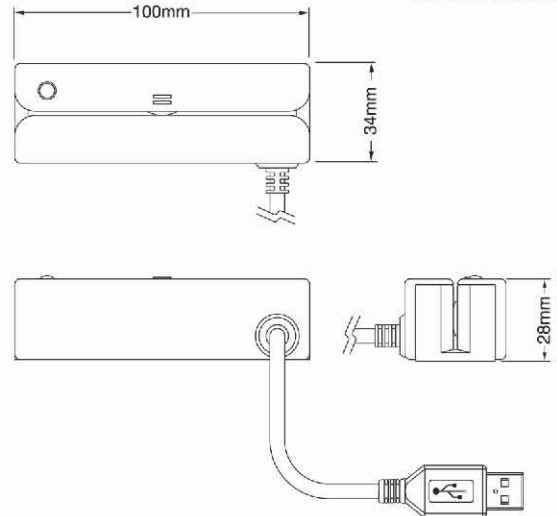
MSR 120 Series

- Read and convert magnetic stripe data RS232 format to USB format
- Firmware downloadable
- Read magnetic stripe cards conform to ISO 7811, AAMVA and custom data format
- Manual swipe, bi-directional with USB interface
- Read high and low coercivity magnetic stripes (300-4000 Oe)
- LED and beeper for reading status

MSR 210U Series

- Programmable track data output in screen configuration set up
- Firmware downloadable
- Read and emulate keyboard data format to USB format
- Mult-language support
- Read magnetic stripe cards conform to ISO 7811, AAMVA
- Manual swipe, bi-directional
- Read high and low coercivity magnetic stripes (300-4000 Oe)
- LED and beeper for reading status
- Compatible with HID specification Version 1.1
- Compatible with USB specification Version 1.1

USB Magnetic Stripe Card Reader



MSR120 Series

Specification			
Electrical			
Power Requirement	+5VDC \pm 10% from USB Port		
Consumption	100mA max. in normal condition		
Communication	Standard RS232 to USB interface		
Mechanical			
Body Material	ABS 94V-O		
Dimension	100mm(L) x34mm(W)28mm(H)		
Weight	Approx.120g		
Connector	USB series,"A" plug		
Card Handling Method	Manual, swipe Bi-directional		
Agency approval			
	FCC class A, CE class A		
Environment			
Operating	-10 to 55 $^{\circ}$ C , 10 to 90%humidity		
Storage	-30 to 70 $^{\circ}$ C , 10 to 90%humidity		
Performance			
Card Type	Magnetic Card as per ISO7811, AAMVA		
Read Card Format	Track1	Track2	Track3
Bit Density	210ips	75ips	210ips
Coercivity	Read 300~4000 Oe Magnetic Stripe card		
Read Speed	STD card	Jitter \pm 15%	Amp.60%
	5~55ips	5~50ips	5~50ips
Card Thickness	0.76 \pm 0.08mm		
Read Error Rate	<0.5%		
Head Life	500K,1M life optional		

MSR210U Series

Specification			
Electrical			
Power Requirement	+5VDC \pm 10% from USB Port		
Consumption	35mA max. in normal condition		
Communication	Keyboard simulated to USB interface		
Mechanical			
Body Material	ABS 94V-O		
Dimension	100mm(L) x34mm(W)28mm(H)		
Weight	Approx.120g		
Connector	USB series,"A" plug		
Card Handling Method	Manual, swipe Bi-directional		
Agency approval			
	FCC class A, CE class A		
Environment			
Operating	-10 to 55 $^{\circ}$ C , 10 to 90%humidity		
Storage	-30 to 70 $^{\circ}$ C , 10 to 90%humidity		
Performance			
Card Type	Magnetic Card as per ISO7811, AAMVA		
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