

UIC MSR210U/MSR213U Functional Comparison Table

	MSR210U			MSR213U		
Slot Dimension	100L x 34W x 28H mm			100L x 34W x 28H mm		
Weight	Approx. 120g			Approx. 120g		
Card Slot	100mm			100mm		
Decoder IC	MRD531			MRD532		
Interface	USB Interface (emulated Keyboard)			Keyboard emulation to USB interface, USB HID		
Connector Type	USB Type A			USB Type A		
Protocol Support	MSR210U			MSR210U and (Magtek/IDT Mode) protocols supported		
Power Requirement	+5V ± 10% from USB Port			+5V ± 10% from USB Port		
Power Consumption	35mA Max. in normal condition			35mA Max in normal operation		
Operation Temperature	-10°C ~ + 50°C			-10°C ~ + 55°C		
Storage Temperature	-30°C ~ + 70°C			-40°C ~ + 70°C		
Operation Humidity	10% to 90%			5% to 95%		
Storage Humidity	10% to 90%			5% to 95%		
Card Types	Magnetic cards as per ISO7810, 7811, AAMVA			Encoded per ISO 7810/7811, AAMVA and DMV.		
Test Card Types	Standard Card	Jitter ± 15%	Amp. 60%	Standard Card	Jitter ± 15%	Amp. 60%
Read Speed	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips
Transmission Rate	A: 120 cps B: 80 cps (cps: Character Per Second)			Up to 500 cps (It depends on polling interval value setting and data package format size)		
ESD Protection	4KV/8KV			8KV/15KV		
OPOS Driver Support	Yes			Yes		
Sensormatic Immunity	14 cm			14 cm		
Magnetic Head Life	500K Swipes, 1M life optional			1M Swipes		
Suspend Mode	No			Yes		
Cable Exit	Cable come out from side wall with SR			Cable come out from bottom and side wall (in a one hole)		
Agency Approval	FCC Class A/CE Class A			FCC Class B/CE Class B		