Manual ATB2 Reader

MSR220 Series

- Read tickets/boarding passes conform to TATA ATB2 722C standard
- Read magnetic stripe cards conform to ISO 7811, CA DMV and AAMVA standards
- Manual swipe, bi-directional with keyboard interface
- Read high & low coercivity magnetic stripes (300-4000oe)
- Programmable output data format
- Audible beeper and LED to indicate read status

Specification

Specification				
Electrical				
Power Require	+5VDC +/-10%			
Consumption	60mA Max.			
Communication	Keyboard simulated interface			
Power supply	From PC			
Ripple	50mVp-p or less			
Dielectric strength	500VDC for 1 minute			
Mechanical				
Body Material	ABS 94V-0			
Weight	Approx. 540kg			
Dimension	216Lx51Wx60.5H mm			
Swipe	Manual, Bi- direction			
Environment				
Operation	-10 to 60, 10 to 85% humidity			
Storage	-30 to 70, 10 to 90% humidity			
Agency Approval				
Rating	FCC class A, FCC class A			
Performance				
Read card	Track1	Track2	Track3	Track4
Bit per density	210 bpi	75~210bpi	210 bpi	210 bpi
Coercive force	Read 300-4000 oe Magnetic Stripe			
Read speed	Boarding		Magnetic Card	
	5~45ips		5~50ips	
Card thickness	0.2-1.2mm			
Read error rate	< 0.5%			
Head life	Min. 500K swipes			

Model Configuration

Model	Track			
	1	2	3	4
MSR220-ATB2	R	R	R	R

Interconnection

Cable	5 feet with DIN 5 Connector for AT/XT
PIN assignment	
1	Clock
2	Data
3	--
4	Ground
5	VCC