

QuickStripe™

Efficient and versatile magnetic card reading



The QuickStripe magnetic stripe reader is well designed and constructed with high quality components. It conforms to ISO 7810-7813 standards and is designed for use in access control, retail and time attendance applications, etc. The TTL output allows the reader to be universally accepted by most decoders. The built-in decoder is an advanced and versatile decoding facility which works with variety of computer interfaces.

SPECIFICATIONS				
Weight				
Body Weight	61.2 g (1.97 oz)			
Material	PC & ABS			
Dimension	90mm x 29mm x 38mm			
Single Track				
Interface	RS232	KB	RS232 TTL	USB
Supply Voltage	DC +5V ±5%			
Output Voltage (Typ.)	±9V	+5V ±5%	+5V ±5%	+5V ±5%
Output low Voltage (Max.)	-	0.4V	0.4V	0.4V
Current Draw	±10%			
Power On (Typ.)	60 mA	55 mA	55 mA	58 mA
Stand by (Typ.)	30 mA	29 mA	27 mA	31 mA
Operation (Typ.)	55 mA	52 mA	51 mA	54 mA
Two Tracks				
Interface	RS232	KB	RS232 TTL	USB
Supply Voltage	DC +5V ±5%			
Output Voltage (Typ.)	±9V	+5V ±5%	+5V ±5%	+5V ±5%
Output low Voltage (Max.)	-	0.4V	0.4V	0.4V
Current Draw	±10%			
Power On (Typ.)	75 mA	70 mA	70 mA	73 mA
Stand by (Typ.)	49 mA	44 mA	42 mA	46 mA
Operation (Typ.)	71 mA	68 mA	67 mA	60 mA
Three Tracks				
Interface	RS232	KB	RS232 TTL	USB
Supply Voltage	DC +5V ±5%			
Output Voltage (Typ.)	±9V	+5V ±5%	+5V ±5%	+5V ±5%
Output low Voltage (Max.)	-	0.4V	0.4V	0.4V
Current Draw	±10%			
Power On (Typ.)	70 mA	70 mA	70 mA	70 mA
Stand by (Typ.)	52 mA	48 mA	48 mA	50 mA
Operation (Typ.)	76 mA	72 mA	72 mA	75 mA



- Tracks 1, 1 & 2, or 1,2,3
- USB, KBW or RS232 (requires power supply)
- Quick and easy to install
- Bi-directional card scanning
- Stores configuration
- Can withstand 1m drop to concrete

Track information				
Track	1	2	3	JIS II
Standard	IATA	ABA	THRIFT/MINTS	THRIFT/MINTS
Recording Method	F2F(FM)	F2F(FM)	F2F(FM)	F2F(FM)
Recording Density	210 BPI	75 BPI	210 BPI	
Capacity	79 Characters	40 Characters	107 Characters	79 Characters
	7 Bits/Characters	5 Bits/Characters	5 Bits/Characters	7 Bits/Characters

Performance	
Read/Write	Read
Scan Speed	10 – 100cm / sec (3.9 - 39 inch / sec)
Direction	Bi-directional
Life Cycle	Approx. 300,000 passes (1,000,000 passes is optional)

Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20% to 95% (Non-condensing)

Life Time	
MTBF (Calculated)	24,000 hours
Thermal Shock	
High Temp.	60°C (140°F)
Low Temp.	-20°C (-4°F)
Cycle time	20 minutes for high temp., 20 minutes for low temp.
Cycles	5 cycles
Cable Bending Test	25,000 times minimum (30 times/min @ 500g/90°)
Mechanical Shock	1m drop on concrete surface

Dimension	
Unit	21 cm x 11.7 cm x 5 cm
Weight	
Unit	220 g
Storage	
Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	20% to 95% (Non-condensing)



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