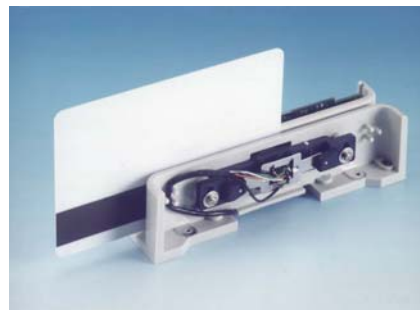


# Magnetic stripe reader TTL interface **Uniform ACETEK**

Manual swipe and bi-directional magnetic stripe reader with TTL interface. Ideal for hardware systems integrators.

- Read magnetic stripe cards conform to ISO 7811.
- Manual swipe, bi-directional with TTL output.
- Available in single, dual or triple track configuration.
- Read high & low coercivity magnetic stripes (300-4.000oe).
- 5~55 ips operational swipe speed.
- 5 VDC +/-10% operational power
- CE, FCC, UL, cUL certified.



## Specification

<b>Electrical</b>			
Power require	+5VDC +/-10%		
Consumption	5 mA Max.		
Communication	TTL interface		
Logic charact.	Default at negative, positive optional		
Ripple	50mVp-p or less		
Dielectric strength	500 VDC for 1 minute		
<b>Mechanical</b>			
Body material	ABS 94V-0		
Weight	40-50 gr. aprox.		
Swipe	Manual, Bi-directional		
<b>Agency Approv.</b>			
Rating	FCC class A, CE class B, UL, cUL		
<b>Environment</b>			
Operation	-10 to 50 °C, 10 a 85% humidity		
Storage	-30 to 70 °C, 10 a 90% humidity		
<b>Performance</b>			
Read card	Track 1	Track 2	Track 3
Bit density	210 bpi	75 bpi	210 bpi
Read speed	STD card	Jitter+/-15%	Amp.60%
	5~55ips	5~50ips	5~50ips
Coercive force	Read 300-4.000 oe Mag. Stripe		
Card thickness	0.76 - 1.2 mm		
Error rate	Read<0.5%		
Head life	500K swipes, 1M life optional		

## Model configuration

Series	Dimension (mm)			Tracks		
	L	W	H	1	2	3
ACETEK03	89.5	7.3	28	R	R	R
ACETEK04	100.2	27	26	R	R	R
ACETEK06	100.2	27	29	R	R	R
ACETEK08	90.6	22	24	R	R	R
ACETEK10	100,2	27	29	R	R	R
ACETEK11	100	25	25	JIS	JIS	JIS
ACETEK19	100	25	25	R	R	R

Default color: black. Customize color request min quant.  
Cover added available in ACETEK 04 & 06 series

## Interconnection

Wire assy.	Length 20-23 cm or customized			
Connector	Molex 5051 or customized			
Pin assignment				
Pin N	Single	Dual	Triple	JIS
1	RDP	VCC	VCC	GND
2	RCP	GND	CLS	VCC
3	CLS	RDP2	GND	RCP2
4	VCC	RDP1o3		
5	GND	RCP2	RCP1	RDP2
6		RCP1o3	RCP2	
7		CLS	RDP1	CLS
8			RDP2	RDP1
9			RCP3	RCP1
10			RDP3	

