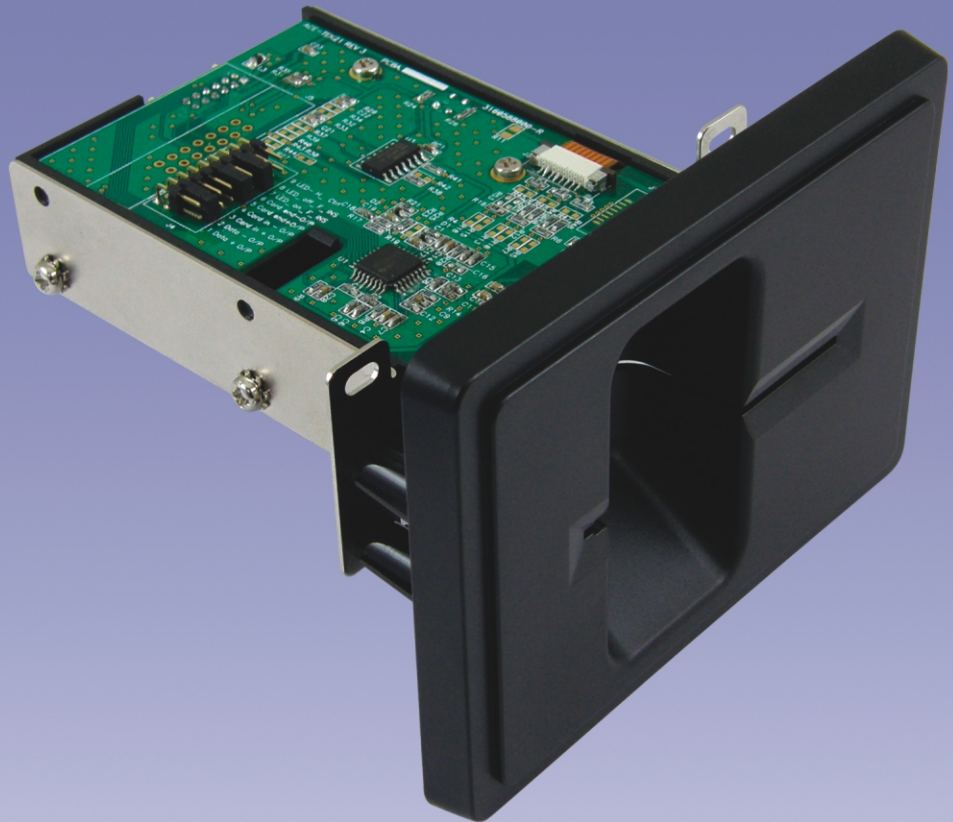


# Magnetic Card Reader Manual Insertion TTL Interface



## ACE-TEK21 Series

- Reads magnetic stripe cards conforming to ISO 7811
- Manual full insert with TTL output
- Available in single, dual or triple track configurations
- Reads high and low coercivity magnetic stripes (300-4000 Oe)
- CE class A, FCC class A, UL certificated
- Designed for Access/Security system application etc.

## Magnetic Card Reader-Manual Insert TTL Interface



M Bezel

Specifications			
<b>Model</b>	<b>ACE-TEK21 Series</b>		
<b>Electrical</b>			
Power Requirement	5VDC $\pm$ 5%		
Power Consumption	15mA idle, 25mA Max.		
Interface	TTL Interface		
Logic Characteristic	Default at Negative, Positive optional		
Ripple	50mVp-p or less		
<b>Mechanical</b>			
Body Material	PC + 20%GF + 6%PTFE		
Dimensions	107L x 62W x 26H mm		
Weight	Approx. 65g		
Card Handling Method	Manual insertion, bi-directional		
<b>Environment</b>			
Operation Temperature	-10°C to +50°C		
Storage Temperature	-30°C to +70°C		
Humidity	10% to 90%		
<b>Agency Approval</b>			
Ratings	FCC class B, CE class B		
<b>Performance</b>			
Read Card Format	Track1	Track2	Track3
Bit Density	210 bpi	75 bpi	210 bpi
Read Capability	Magnetic stripe - single, dual or triple track of low/high coercivity (300~4000 Oe)		
Card Types	Magnetic card as per ISO7810, ISO7811, AAMVA		
Test Card Types	Standard Card	Jitter $\pm$ 15%	Amp.60%
Read Speed	4~40ips	5~35ips	5~35ips
Card Thickness	0.76 $\pm$ 0.08mm		
Error Rate	< 0.5%		
Head Life	500K, 1M life optional. (Dual head is optional)		
MTBF	100,000 Hours		

**UIC Headquarters**  
**Uniform Industrial Corp. Taiwan**  
 1F, No. 1, Lane 15, Chih Chiang St.,  
 Tu Cheng City, Taipei Hsien,  
 Taiwan, R.O.C.  
 TEL: +886-2-2268-7075  
 FAX: +886-2-2269-5686  
 VC ISDN: +886-2-8076-0126  
 VC IP Line: 60.248.204.230  
 E-Mail: info@uniform.com.tw  
 URL: www.uicworld.com

**UIC USA**  
**Uniform Industrial Corp. USA**  
 47709 Fremont Blvd.,  
 Fremont, CA 94538-6512, USA.  
 TEL: +1-510-438-6799  
 FAX: +1-510-438-6790  
 E-Mail: info@uicusa.com  
 URL: www.uicusa.com

**UIC Europe**  
**Uniform Industrial Corp.**  
 Suite 2.7 Discovery House,  
 Gemini Crescent, Technology Park,  
 Dundee, DD2 1SW, United Kingdom  
 TEL: +44-1382-561162  
 FAX: +44-1382-561163  
 E-Mail: info@uiceurope.com  
 URL: www.uicworld.com