

Magnetic Stripe Reader TTL Interface

ACETEK Series

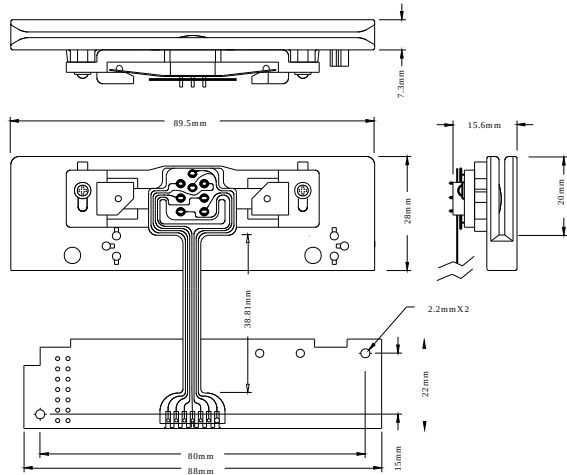
- Read magnetic stripe cards conform to ISO 7811
- Manual swipe, bi-directional with TTL output
- Available in single, dual or triple track configuration
- Read high & low coercivity magnetic stripes (300~4000oe)
- 5~55ips operational swipe speed
- 5VDC+/-10% operational power
- CE, FCC, UL, cUL certified

Specification			
Electrical			
Power require	+5VDC +/-10%		
Consumption	5mA Max.		
Communication	TTL interface		
Logic characteristic	Default at Negative, Positive optional		
Ripple	50mVp-p or less		
Dielectric strength	500VDC for 1 minute		
Mechanical			
Body material	ABS 94V-0		
Weight	Approx. 40~50g		
Swipe	Manual, Bi-direction		
Environment			
Operation	-10 to 50,10 to 85% humidity		
Storage	-30 to 70,10 to 90% humidity		
Agency Approval			
Rating	FCC class A, CE class B, UL, cUL		
Performance			
Read card	Track1	Track2	Track3
Bit density	210 bpi	75 bpi	210 bpi
Coercive force	Read 300-4000 oe Magnetic Stripe		
Read speed	STD card	Jitter +/-15%	Amp. 60%
	5~55ips	5~50ips	5~50ips
Card thickness	0.76-1.2mm		
Read error rate	< 0.5%		
Head life	Min. 300K swipes.500K,1M optional		

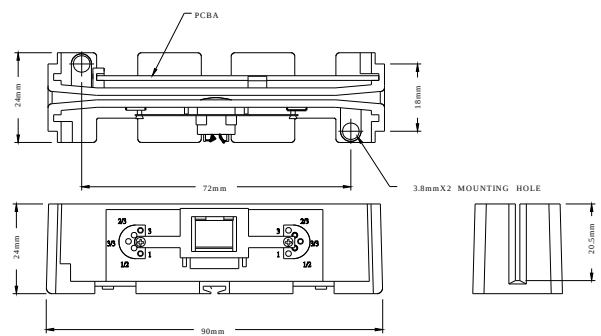
Model Configuration						
Series	Dimension (mm)			Track		
	L	W	H	1	2	3
ACE-TEK 03	89.5	7.3	28	R	R	R
ACE-TEK 04	100.25	27	26	R	R	R
ACE-TEK 06	100.25	27	29	R	R	R
ACE-TEK 08	90.6	22	24	R	R	R
ACE-TEK 10	90	24	24	R	R	R
ACE-TEK 11	100	25	25	JIS I and/or JIS II		
ACE-TEK 16	110	28	33	R	R	R
ACE-TEK 19	100	25	25	R	R	R
Default color black, customize color request minimum quantity						
Cover added available in ACE-TEK 04 & 06 series						

Interconnection				
Wire assembly		Length 20~23cm or customized		
Connector		Molex 5051 equivalent or customized		
Pin assignment				
Pin No.	Single	Dual	Triple	JIS
1	RDP	VCC	VCC	GND
2	RCP	GND	CLS	VCC
3	CLS	RDP2	GND	RCP2
4	VCC	RDP1 or 3		
5	GND	RCP2	RCP1	RDP2
6		RCP1 or 3	RCP2	
7		CLS	RDP1	CLS
8			RDP2	RDP1
9			RCP3	RCP1
10			RDP3	

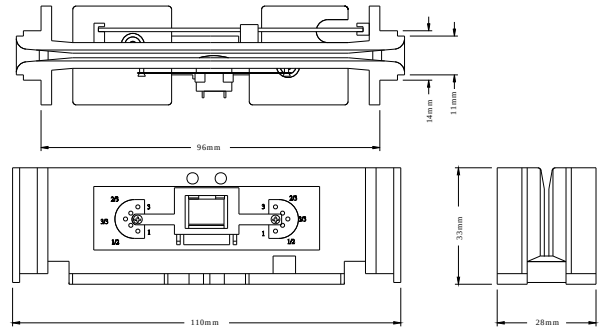
ACE-TEK 03 SERIES



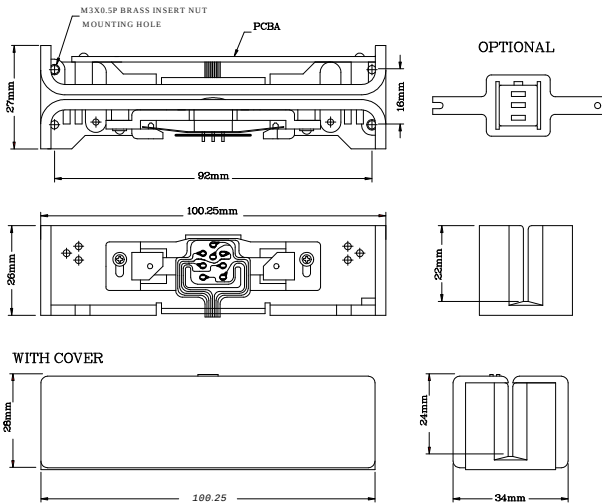
ACE-TEK 10 SERIES



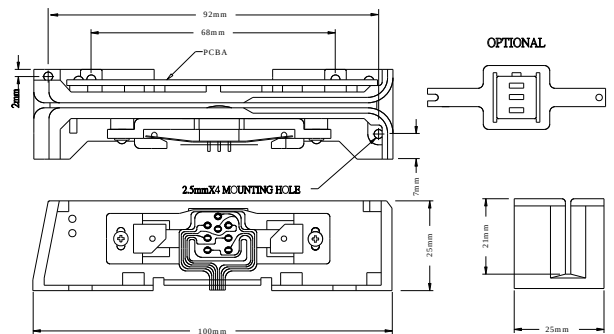
ACE-TEK 16 SERIES



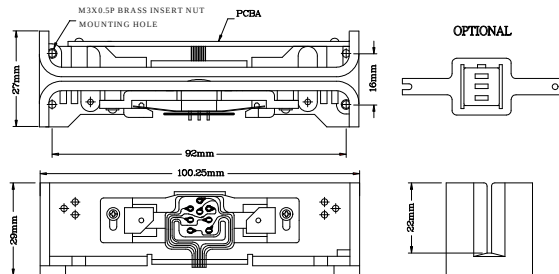
ACE-TEK 04 SERIES



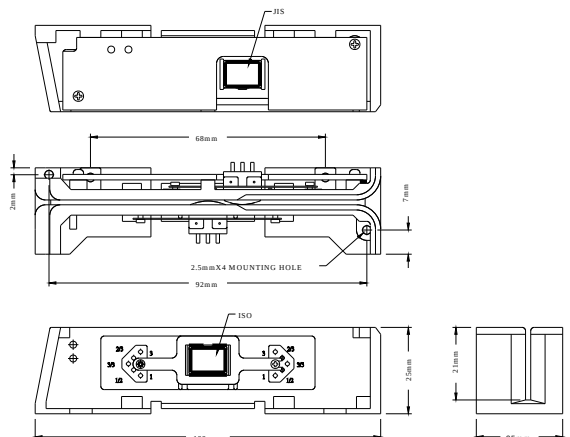
ACE-TEK 19 SERIES



ACE-TEK 06 SERIES



ACE-TEK 11 JIS SERIES



ACE-TEK 08 SERIES

