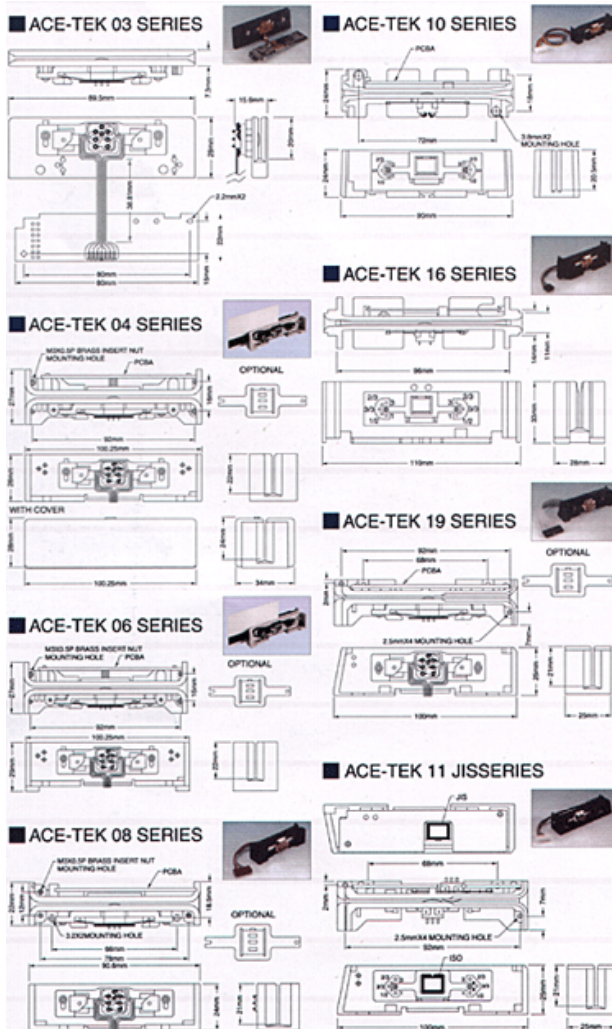


ACETEK Series

Magnetic Stripe Reader TTL Interface



Specification	
Electrical	
Power requirements	+5VDC \pm 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 55°C, 10 to 85% humidity
Storage	-30 to 70°C, 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 \pm 15% Amp. 60%
	5-55ips 5-50ips 5-50ips
Card thickness	0.76-1.2mm
Error rate	Read < 0.5%
Head life	500K swipes, 1M life 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	JS I and/or JS 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	JS
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	--