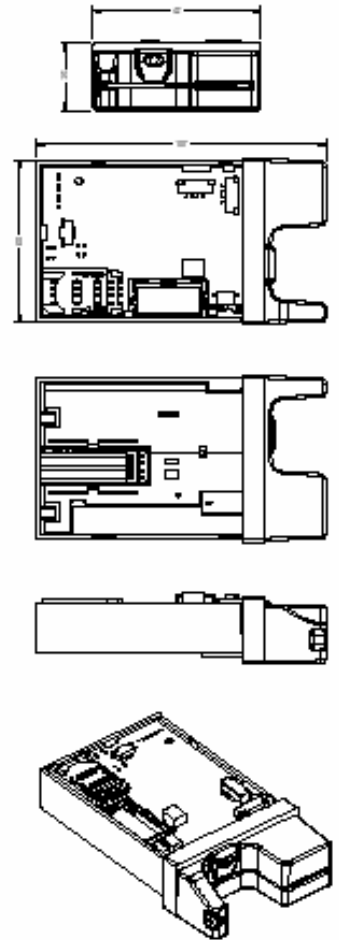


Hybrid Card Reader

Manual Insertion



- EMV Level 1 Certified
- Read/write smart cards conform to ISO 7816
- Read magnetic stripe cards conform to ISO 7811 AAMVA
- Support Memory and CPU cards T=1 / T=0
- IC Card landing contact
- Bulit-in one SAM Security Access Module socket
- Program firmware upgradeable
- Bi-color LED indication
- Coin Drop
- Card Latching capability
- PC / SC Driver



Specification			
Electrical			
Power Requirement	+5VDC ±5%		
Power Consumption	500 mA maximum surge current when solenoid firing		
Communication	RS232(USB optional)		
Mechanical			
Body Material	PC+15%;UL94V-0		
Dimension	107 mm(L)*62 mm(W)*26 mm(H)		
Weight	Approx. 165g (without power adapter)		
Card Handling Method	Manual insertion, bi-directional		
Agency approval	FCC/CE class B, UL, cUL. EMV level 1.		
Standard	ISO 7816-1/2/3,PCSC Driver		
Environment			
Operation	-10 to 55 °C 10 to 90% humidity,		
Storage	-30 to 70 °C 10 to 90% humidity,		
Performance			
Card Type	Magnetic card as per ISO 7810, 7811/1-6, AAMVA IC card as per ISO 7816/EMV, CPU/Memory card/ 2-wire protocol (SLE4432/4442; 2032/2042, 3-wire protocol (SLE 4418/4428), I ² C-Bus, Extended I ² C-Bus, EUROCHIP I		
Read Capability	Magnetic stripe single, dual or triple track of low/high coercivity (300~4000 Oe)		
Read Speed	STD card 4~40ips	Jitter: ±15% 5~35ips	Amp.60% 5~35ips
Card Thickness	0.76 ±0.08mm		
Error Rate	< 0.5%		
Head Life	500K, 1M life optional		
IC Card Contact Life	300K times minimum		