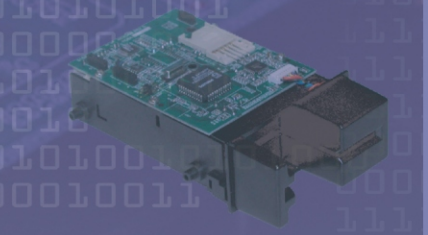
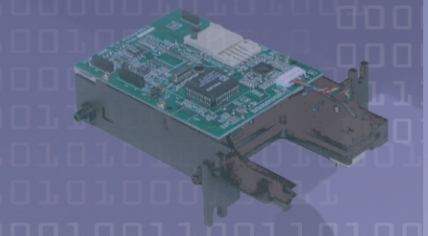
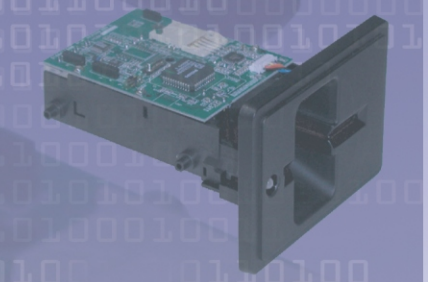
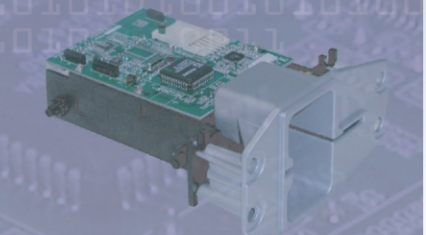
Hybrid Card Reader

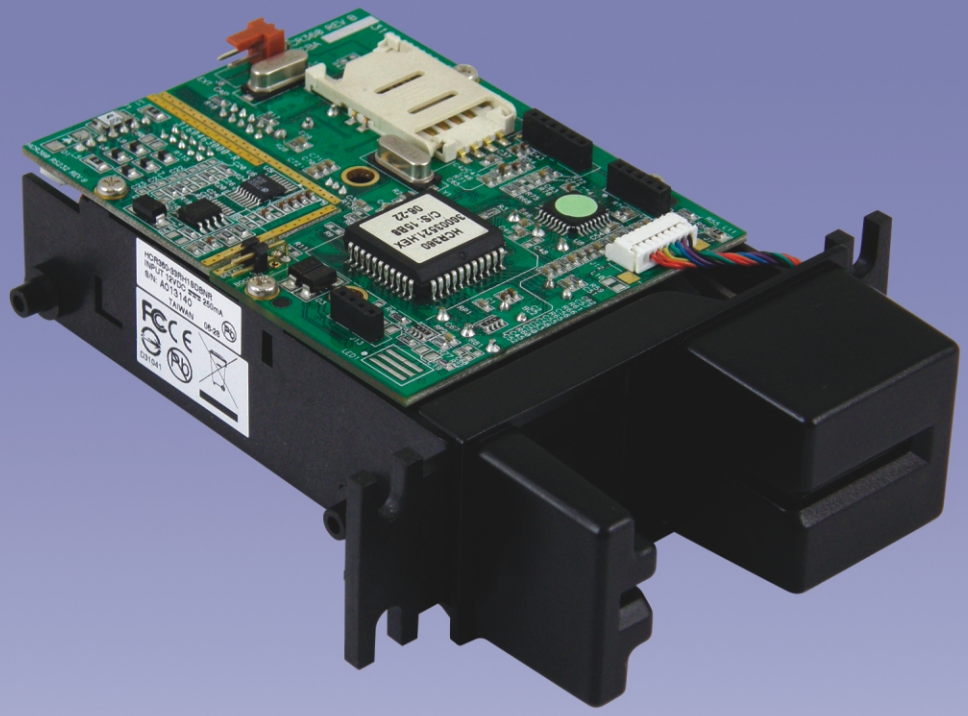
Manual Insertion











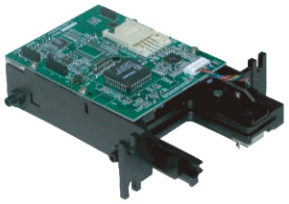
HCR360 Series

- EMV 2000 Level 1 certificated
- PC/SC compliance
- Read/write smart cards conform to ISO 7816
- Read magnetic stripe cards conform to ISO 7811, AAMVA, DMV
- Support Memory and CPU cards T=1 / T=0
- IC Card landing contact
- Bulit-in one SAM (Security Access Module) socket
- Program firmware upgradeable
- Coin Drop
- Card Latching capability
- Power fail auto unlatching
- Support USI2, TLP-224 & TLP-224 Turbol protocol
- Optional Bi-color LED indication
- Optional gate
- Optional 4 SAM module

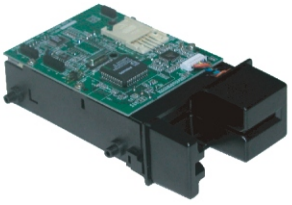
UIC

HCR360 Series

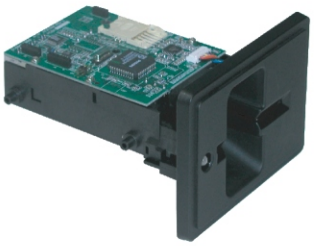
Hybrid Card Reader



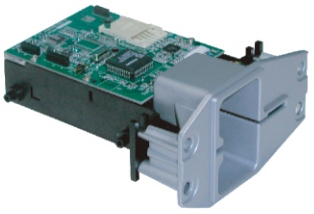
HCR360



T Bezel

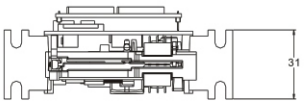


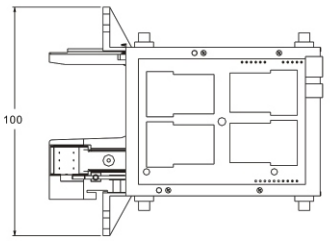
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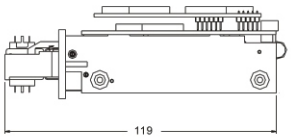


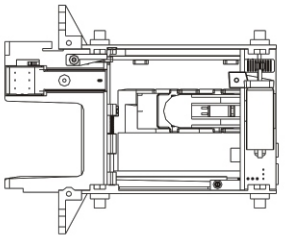
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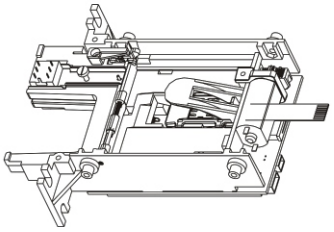
Specifications			
Model	**HCR360**		
Electrical			
Power Requirement	+12VDC±10%		
Power Consumption	250mA maximum		
Interfaces	RS232 (TTL, USB optional)		
Mechanical			
Body Material	PC + 20%GF + 6%PTFE		
Dimensions	119L x 100W x 31H mm		
Weight	Approx. 125g (without power adapter)		
Card Handling Method	Manual insertion, bi-directional		
Environment			
Operation Temperature	-10°C to +50°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	15% to 90%		
Storage Humidity	10% to 90%		
Agency Approval			
	FCC class B, CE class B, BSMI class B		
Performance			
Read Card Format	Track 1	Track 2	Track 3
Bit Density	210 bpi	75 bpi	210 bpi
Card Types	Magnetic cards as per ISO7810, 7811, AAMVA		
	IC card as per ISO 7816/EMV, CPU/Memory card, PC/SC compliance		
Read Capability	Magnetic stripe - single, dual or triple track of low/high coercivity (300~4000 Oe)		
Test Card Types	Standard Card	Jitter±15%	Amp.60%
Read Speed	4~40ips	5~35ips	5~35ips
Card Thickness	0.76±0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	500K insertion cycles, 1M insertion cycles optional.		
IC Card Contract Life	500K times minimum		











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