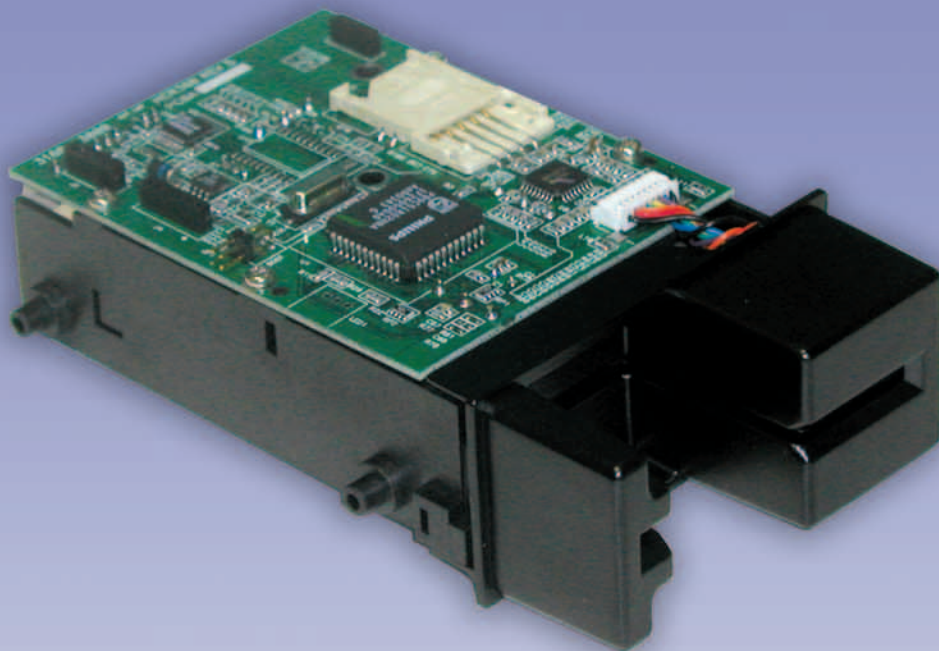


Hybrid Card Reader

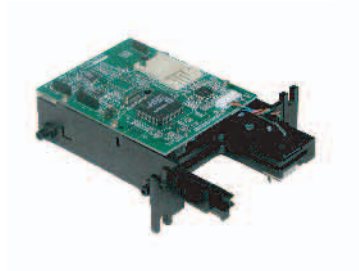
Manual Insertion



HCR360 Series

- EMV 2000 Level 1 compliance
- 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
- Built-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

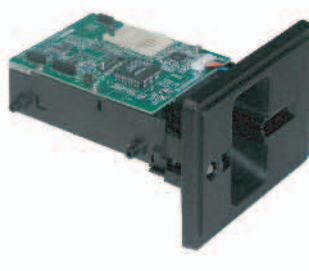
Hybrid Card Reader



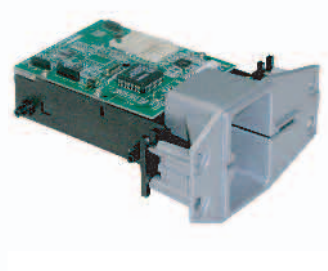
HCR360



T Bezel

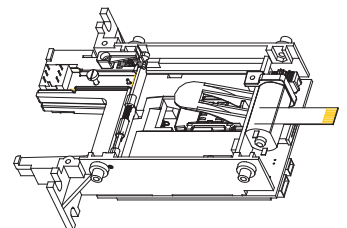
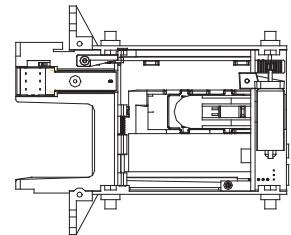
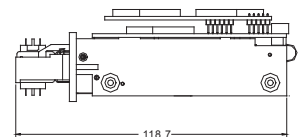
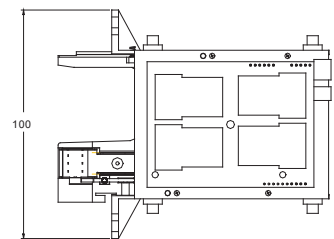
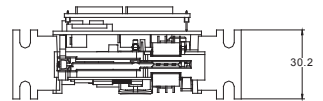


M Bezel



S Bezel

Specification			
Electrical			
Power Requirement	+12VDC±10%		
Power Consumption	250mA maximum		
Communication	RS232(USB optional)		
Mechanical			
Body Material	PC+20%GF+6%(W)TEFR		
Dimension	118.7mm(L) x 100mm(W) x 30.2mm (H)		
Weight	Approx. 125g		
Card Handling Method	Manual insertion, bi-directional		
Agency approval			
	FCC, class A, CE class A, UL, cUL, BSMI class B		
Environment			
Operation	-10 to 50℃, 15 to 90% humidity,		
Storage	-30 to 70℃, 10 to 90% humidity		
Performance			
Card Type	Magnetic card as per ISO7810, 7811/1-6, 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)		
Read Speed	STD card	Jitter ± 15%	Amp. 60%
	4~ 40ips	5~ 35ips	5~ 35ips
Card Thickness	0.76 ± 0.08mm		
Error Rate	<0.5%		
Magnet, Head Life	500K, 1M life optional		
IC Card Contact Life	500K times minimum		



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