

Hybrid Card Reader

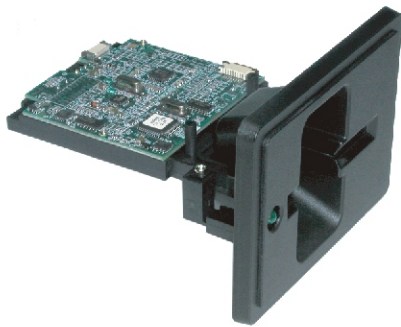
Manual Insertion



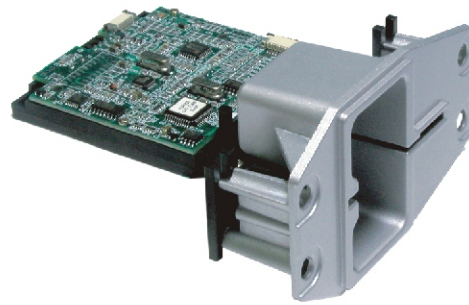
HCR350-C Series

- EMV 2000 level 1 certificated
- Read/write smart cards conform to ISO 7816
- Read magnetic cards conform to ISO 7811
- Support Memory and CPU cards T=1 / T=0
- IC card landing contact, 500K contact life
- Firmware upgradeable
- Slim type design
- Optional plastic and metallic bezels

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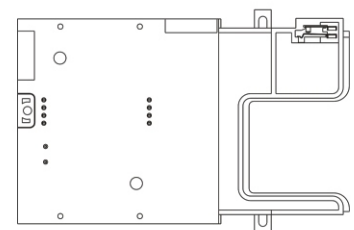
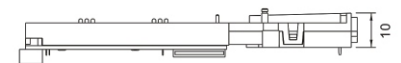
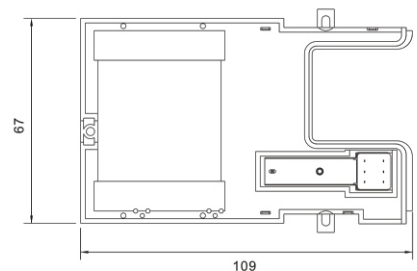
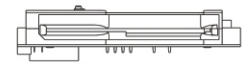


M Bezel



S Bezel

Specifications			
Model	HCR350-C		
Electrical			
Power Requirement	+5VDC \pm 5%		
Power Consumption	10mA maximum, Magnetic Stripe Model 90mA maximum, Magnetic Stripe and IC Card Model		
Interfaces	RS232 (USB, TTL optional)		
Mechanical			
Body Material	PC + 20%GF + 6% TEFLON; 94V-0		
Dimensions	109L x 67W x 10H mm		
Weight	Approx. 56g (without power adapter)		
Card Handling Method	Manual insertion		
Environment			
Operation Temperature	-10°C to +55°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	15% to 90%		
Storage Humidity	10% to 90%		
Agency Approval			
	FCC class A, CE class A, BSMI class A		
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 cards as per ISO 7816/EMV, CPU/Memory card		
Read Capability	Magnetic stripe single, dual or triple track of low/high coercivity (300~4000 Oe)		
Test Card Types	Standard Card	Jitter \pm 15%	Amp. 60%
Read Speed	4~40ips	5~35ips	5~35ips
Card Thickness	0.76 \pm 0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	500K insertion cycles, 1M insertion cycles optional.		
IC Card Contract Life	500K times		



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