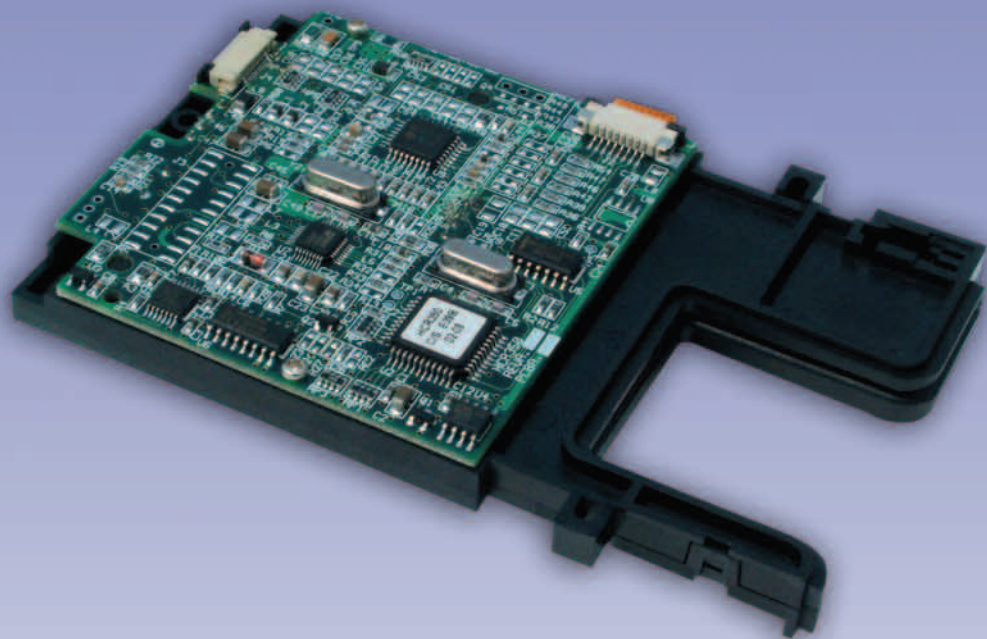


# Hybrid Card Reader

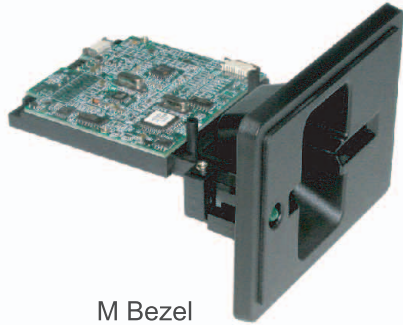
## Manual Insertion



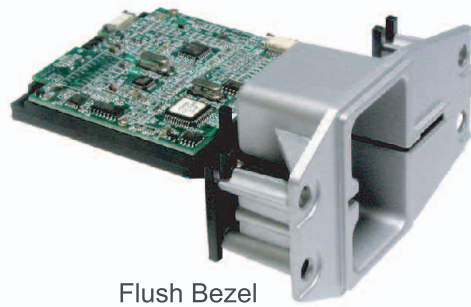
### HCR350C Series

- EMV 2000 level 1 compliance
- 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, 300K contact life
- Firmware upgradeable
- Slim type design
- Optional plastic and metallic bezels

## Hybrid Card Reader

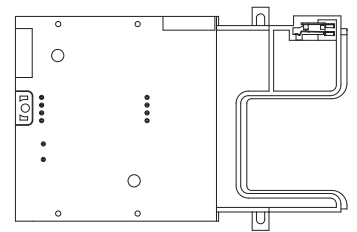
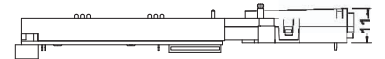
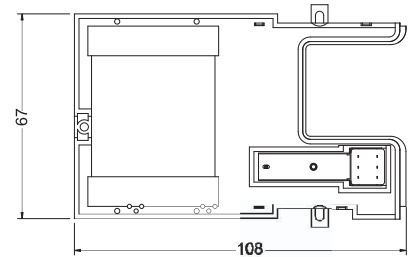
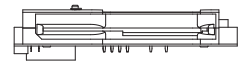


M Bezel



Flush Bezel

Specification			
<b>Electrical</b>			
Power Requirement	+ 5VDC ± 5%		
Power Consumption	10mA maximum, Magnetic Stripe Model		
	90mA maximum, Magnetic Stripe and IC Card Model		
Communication	RS232 (TTL optional)		
<b>Mechanical</b>			
Body Material	PC+20%GF+6% TEFLON; 94V-0		
Dimension	108mm(L) x 67mm(W) x 11mm(H)		
Weight	Approx. 56g		
Card Handling Method	Manual insertion, bi-directional		
<b>Agency approval</b>	FCC class A, CE class A, UL, cUL		
<b>Environment</b>			
Operation	-10 to 55°C, 10 to 85% humidity,		
Storage	-30 to 70°C, 10 to 90% humidity		
<b>Performance</b>			
Card Type	Magnetic card as per ISO7811, AAMVA		
	IC card as per ISO 7816/EMV, CPU/Memory card		
Read Card Format	Track1	Track2	Track3
Bit Density	210bpi	75bpi	210bpi
Card Media	Read 300~ 4000 Oe magnetic stripe		
Read Speed	STD card	Jitter ± 15%	Amp. 60%
	4~ 40ips	5~ 35ips	5~ 35ips
Card Thickness	0.76 ± 0.08mm		
Error Rate	< 0.5%		
Head Life	500K, 1M life optional		
IC Card Contact Life	300K		



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