

# Hybrid Card Reader Manual Insertion

## HCR335 Series



- EMV certified
- Coin Drop/Vandal Resistant design
- Card Latching/ Auto Eject system



SMARTCARD



MAGSTRIPE



T Bezel



M Bezel



A Bezel



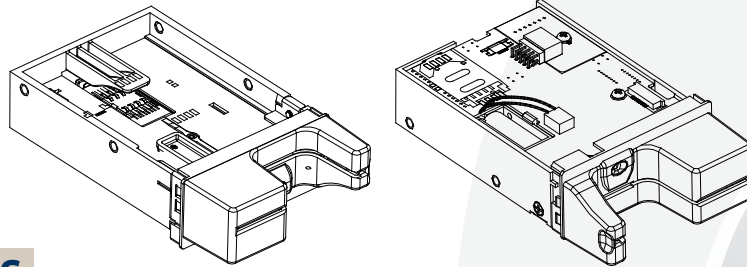
S Bezel

- EMV Level 1 certificated
- 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
- Built-in one SAM ( Security Access Module ) socket
- IC Card landing contact
- Coin Drop for mis-inserted items
- Card Latching capability
- Auto card ejection while power failure
- Program firmware upgradeable
- Bi-color LED indication
- Optional smart card only model



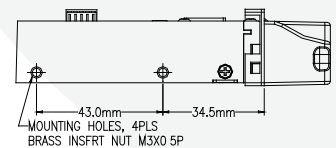
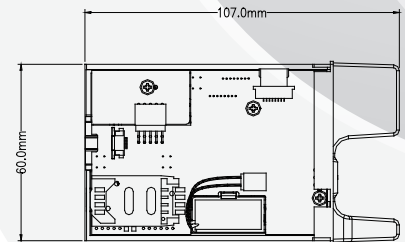
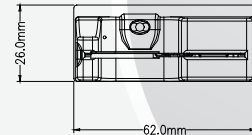
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## SPECIFICATIONS

<b>Electrical</b>			
Power Requirement	+5VDC±5%		
Power consumption	500mA maximum surge current when solenoid firing		
<b>Mechanical</b>			
Body Material	PC +20%GF +6%PTFE		
Dimensions	(L) 107 mm x (W) 62 mm x (D) 26 mm		
Weight	Approx. 165g (without power adapter)		
Card Handling Method	Manual insertion		
Bezels	PC+GF: B/T/M/A Type Bezel Metal: M/S Type Bezel		
<b>Environmental</b>			
Operation Temperature	-10°C to +50°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	15% to 90%		
Storage Humidity	10% to 90%		
<b>Interface</b>	RS232 (USB optional)		
<b>Agency Approval</b>	FCC Class B, CE Class B, BSMI Class B		
<b>Performance</b>			
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 ISO7816/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±15%	Amp.60%
Read Speed	4~40 ips	5~35 ips	5~35 ips
Card Thickness	0.76±0.08 mm		
Error Rate	< 0.5%		
Magnetic Head Life	1M insertion cycles		
IC Card Contact Life	1M insertion cycles		



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