

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

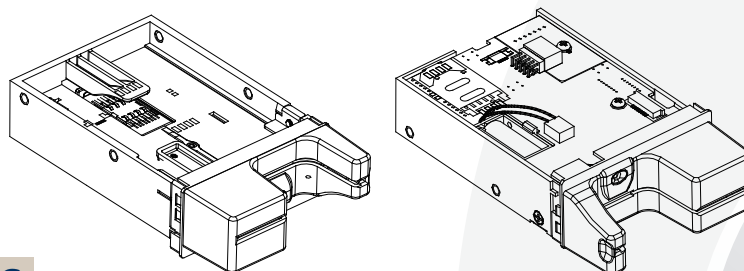


S Bezel

- 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
- Card Latching capability
- Power failure auto card ejection
- Program firmware upgradeable
- Bi-color LED indication
- Optional smart card only model

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SPECIFICATIONS

Electrical

Power Requirement	+5VDC±5%r
Power consumption	500mA maximum surge current when solenoid firing
Interfaces	RS232 (USB optional)

Mechanical

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, bi-directional
Bezels	PC+GF: B/T/M/A Type Bezel Metal: M/S Type Bezel

Environmental

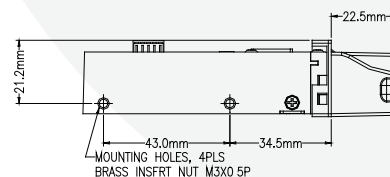
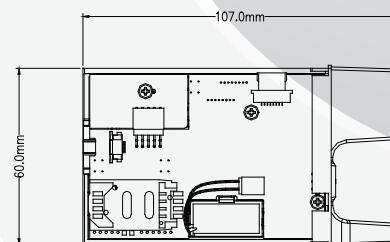
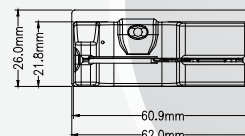
Operation Temperature	-10°C to +50°C
Storage Temperature	-30°C to +70°C
Operation Humidity	15% to 90%
Storage Humidity	10% to 90%

Agency Approval

FCC Class B, CE Class B, BSMI Class B

Performance

Read Card Format	Track 1: Bit Density 210 bpi Track 2: Bit Density 75 bpi Track 3: Bit Density 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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