

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

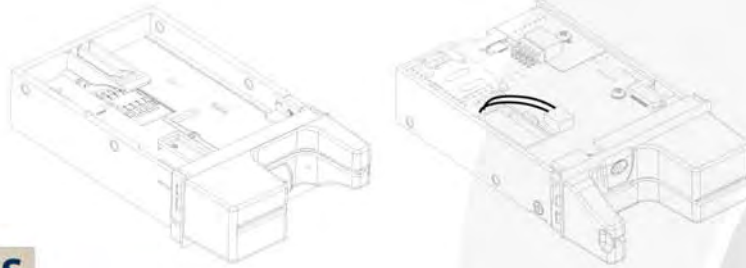


S Bezel

- 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

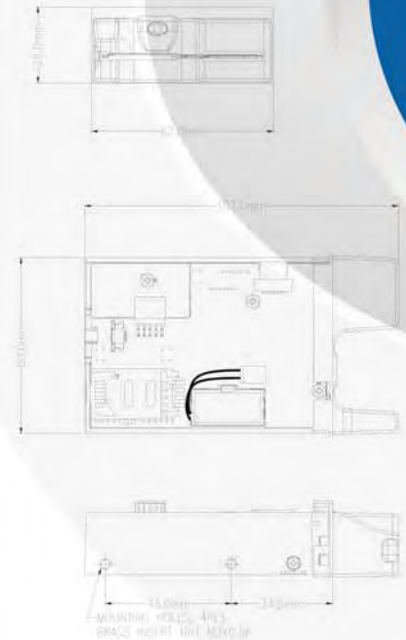
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SPECIFICATIONS

| | | | |
|------------------------|--|------------|----------|
| Electrical | | | |
| Power Requirement | +5VDC±5% | | |
| Power consumption | 500mA maximum surge current when solenoid firing | | |
| 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 | | |
| 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% | | |
| Interface | RS232 (USB optional) | | |
| Agency Approval | FCC Class B, CE Class B, BSMI Class B | | |
| 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 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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