UIC

HCR350

Machine Mounted Intelligent Dual Card Reader

The HCR350 is a smart International Standard Organization (ISO), Europay, Mastercard, Visa (EMV) and American Association of Motor Vehicle Administration (AAMVA) certified reader. It conforms to ISO7811, ISO7816 and EMV Level1. The HCR350 is an intelligent reader that also has writing capabilities. It is firmware upgradeable and can be used in transportation, retail, QSR, petroleum, parking and vending applications.
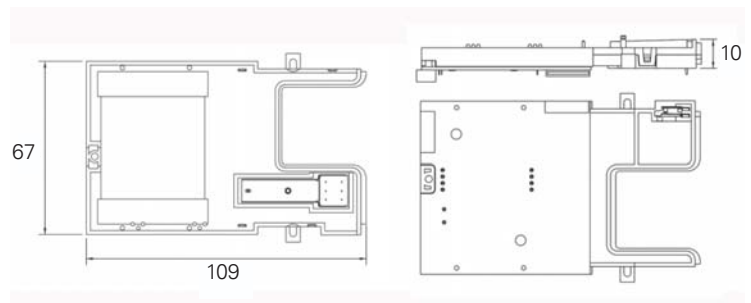
Features and Benefits

- EMV 2000 Level 1 certified
- Read/write CPU and Memory card
- Read/write smart cards conform to ISO 7816
- Read Magnetic stripe cards conform to ISO 7811, AAMVA, DMV
- Firmware upgradeable

M Bezel

S Bezel

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Hospitality Retail Parking Petroleum Transpotation Vending Kiosk

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The HCR350 has a landing contact and comes in plastic or metal bezels with a very sleek and plush design.
It is highly reliable and capable of half a million insertion life and also supports memory and CPU cards T=1/T=0.
It fully conforms to Federal Communications Commission (FCC), European Conformity (CE) and Bureau of Standards,
Metrology and Inspection (BSMI) Class A agency standards.

Specifications

ELECTRICAL

Processor:	32-bit processor with MMU (Memory Management Unit)
Memory:	16MB or 32MB Flash (Option) ; 16MB SDRAM ; 128KB SRAM with battery backup
Magnetic Card Reader:	IS0 7811; triple track reading
Smart Card Reader:	ISO 7816, CPU card / T=0 & T=1
SAM Module:	0 or 3 SAM modules sockets
Contactless:	add-on Contactless module (option); supports all layers of ISO14443 Type A&B communication scheme
Memory Card:	Micro SD Card Reader (support up to 2GB memory size)
Communication:	USB, RS232, USB + Power, Powered RS232; 10/100 BaseT Ethernet
Power:	5V, 500mA

SECURITY

PCI:	PCI 3.0 approved for on-line and off-line
EMV:	Level 1 and Level 2 certified

PERFORMANCE

Mag. Card operating speed:	Operating Speed 10 IPS to 40 IPS
Smart Card:	Supports 3V and 5V card types
Encrypting PIN Block:	ANSI X9.8 format
Encryption Methods:	TDES, RSA, AES, MAC and SHA-1
Key Management:	Master/Session and DUKPT (ANSI X9.24-2002)
MAC Generation:	ANSI X9.19
Magnetic Head Life:	1,000,000 Swipes

ENVIRONMENTAL

Operating Temperature:	0°C to 40°C , Humidity 10 to 90%
Storage Temperature:	-18°C to 70°C, Humidity 10 to 90%

AGENCY APPROVAL

CE, FCC

RoHS COMPLIANT CE FC EMVCo