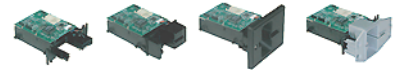


# HCR-360

## Hybrid Card Reader

- EMV 2000 Level 1 compliance
- PC/SC compliance
- Read/Write smart cards conform to ISO 7816
- Read magnetic stripe cards conform to ISO 7811, AAMVA, DMV
- Support Memory and CPU cards T=1 / T=0
- IC Card landing contact
- Built-in one SAM (Security Access Module) socket
- Program firmware Upgradeable
- Coin drop
- Card Latching capability
- Power fail auto unlatching
- Support USI2, TLP-224 & TLP-224 Turbol protocol
- Optional Bi-color LED indication



Power Requirement	+12VDC _10%
Consumption	250mA maximum
Communication	RS-232 (USB optional)
Body Material	PC + 20% GF + 6%(W)TEFR
Dimension and Weight	100(W) X 118.7(L) X 30.2(H) mm. Approx. 125g
Card Handling Method	Manual insertion, Bi-directional
Environment	Operation : -10 to +50°c, 15 to 90% humidity Storage : -30 to +70°c, 10 to 90% humidity
Agency approval	FCC, class A, CE class A, UL, cUL, BSMI class B
Card type	Magnetic card as per ISO 7810, 7811/1-6, AAMVA IC card as per ISO 7816/EMV, CPU/Memory card, PC/SC compliance
Read capability	Magnetic stripe single, dual or triple track of low/high coercivity (300-4000 Oe)
Read speed	STD card : 4~40ips, Jitter ±15% : 5~35ips, Amp.60% : 5~35ips
Card thickness	0.76 _ 0.08 mm
Read error rate	< 0.5%
Contact/Head life	Magnetic : Min. 500K pass life IC card : 500K times min.

