

IC Card Reader Module – IFM

- ▶ Smart Card Interface Module(IFM) is EMV Level 1 certified.
- ▶ Stable operation assured by implementing GemCore chipset.
- ▶ Mini form factor specialized for mobile devices.
- ▶ EMV Level 1 re-certification is not required upon product adoption.

SCS-IFM2v0



- EMV Level 1 Certified
- Standard : ISO7816, EMV2000
- Host Interface : UART and USB Support
- Excellent Performance with Reasonable Price

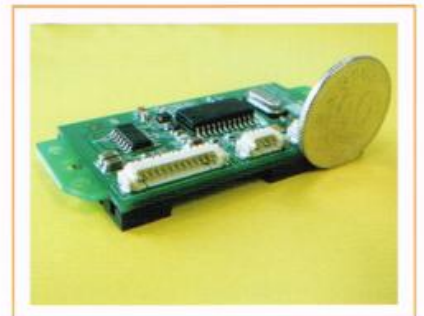
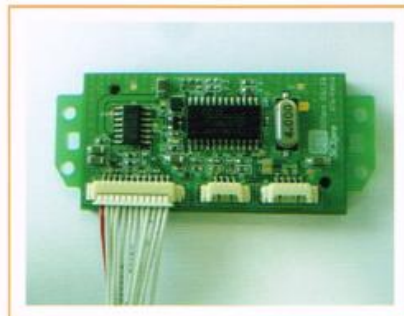
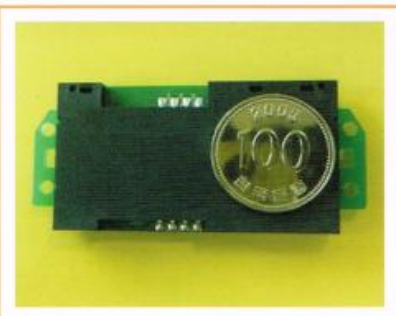
Model Type	Smart Card Interface Module
SAM Support	Direct 1EA
Certification	EMV Level 1
Host Interfaces	Serial(TTL level), USB
Power	+5V
Dimension(mm)	68(W) x 8.6(H) x 31(D)

SCS-IFM3v0



- EMV Level 1 Certified
- Standard : ISO7816, EMV 2000
- 4 SAM, 1 Smart Card Support
- Excellent Performance with Reasonable Price

Model Type	Smart Card Interface Module
SAM Support	Direct 4EA
Certification	EMV Level 1
Host Interfaces	Serial(TTL level), USB
Power	+5V
Dimension(mm)	68(W) x 8.6(H) x 31(D)

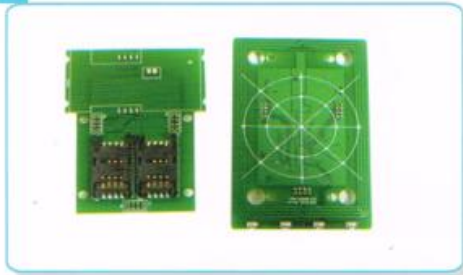




RF Card Reader Module – RFM

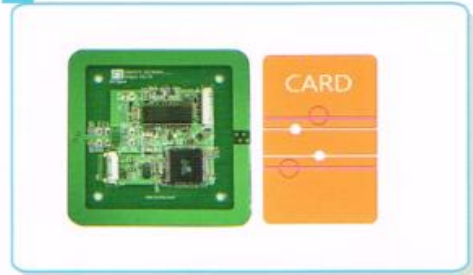
- ▶ New Contactless Card Interface Module based on international RF standards certified by Visa and MasterCard.
- ▶ Supporting ISO18092(NFC), ISO14443 Type A&B, Mifare and ISO15693(Optional).
- ▶ Module dimension customizable upon request.

SCS-NFM1v0



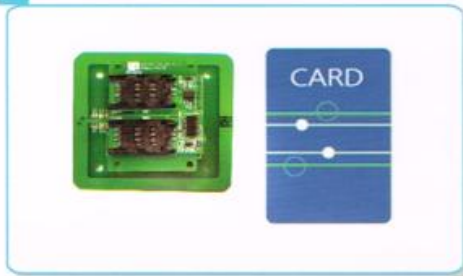
- NFC Function Support
- ISO 18092 Support
- 2 SAM, 1 CARD(Optional)
- One-Body Type Main & Antenna Board

SCS-RFM1v0



- Contactless Card Read/Write
- ISO 14443 Type A,B, Mifare
- Support ISO 15693(Optional)
- One-Body Type Main & Antenna Board

SCS-RFM2v0



- ISO 14443 Type A,B, Mifare
- Support ISO 15693(Optional)
- Support 2 SAM(Optional)
- One-Body Type Main & Antenna Board

SCS-RFM3v0



- ISO 14443 Type A,B, Mifare
- Support ISO 15693
- Separable Main & Antenna Cable
- Available on PDA, Mini Size

Model	SCS-NFM1v0	SCS-RFM1v0	SCS-RFM2v0	SCS-RFM3v0
Model Type	NFC Module	Contactless Card Interface Module	Contactless Card Interface Module	Contactless Card Interface Module
R/F Standard	ISO 18092 (ISO 14443 Type A,B, Mifair Felica p2p) Support	ISO 14443 Type A,B Mifare ISO 15693(Optional)	ISO 14443 Type A,B Mifare ISO 15693(Optional)	ISO 14443 Type A,B Mifare ISO 15693
Power	+5VDC@400mA	+5VDC@300mA	+5VDC@300mA	+5VDC@300mA
External Interfaces	Serial(RS232 or 3.3V TTL), USB	Serial(5.0V TTL)	Serial(RS-232C)	Serial(3.3V TTL)
Dimension(mm)	95.0(L) x 60.0(W)	75.0(L) x 75.0(W)	75.0(L) x 75.0(W)	48 x 30.4/(Ant) 60 x 32

