

13.56MHz COMPACT FLASH RFID READER A9280 for ISO15693, A9281 for ISO15693/ISO14443A

A9280-b-000 CF reader is a high performance and cost effective 13.56MHz contactless reader system designed to compliant with ISO 15693 standard.

COMPLETE SDK AVAILABLE

The A9270-A is the companion SDK kit designed for system integrator to develop application specific software using A9280-B-000 CF reader for various applications. The A9270-A SDK kit contains comprehensive library routines based on the Microsoft Pocket PC 2003 operating system.

TAG SUPPORTED

- ① Philips: ICODE SLI 1024 bits
TI:TAG-IT HF-I 2048 bits
- ② Ultralight, Mifare S50, S70

COMPATIBILITY

The A9280B CF reader designed for ISO 15693/ ISO 14443A standard.

Therefore, RFID tag of various manufacturers can be used to offer the most cost saving application integration.

FEATURE

- ISO 15693 / ISO 14443A protocol standard
- CF Type-II extended form factor with built-in antenna
- Use with Pocket PC with type II CF slot
- Operating distance up 14 cm depend on transponder type and size
- Compatibility with Windows Pocket PC 2003
- High speed communication emulating standard COM port
- Plug and play functionality
- Low power operation for longer battery life

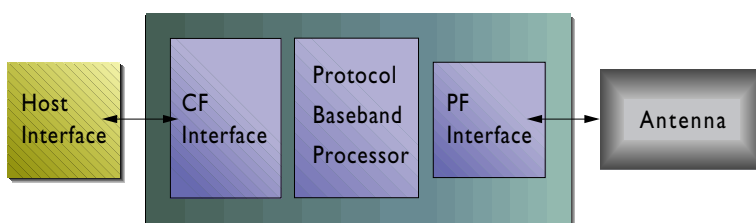
APPLICATIONS

- Electronic ticket verification
- RFID tag read/write
- Asset management
- Prepaid applications
- Inventory management
- Customer Management
- Logistic Management

RFID System Specification

Standard	A9281 [ISO 15693 / ISO 14443A]	A9280 [ISO 15693]
Operating Frequency	13.56MHz	13.56MHz
Operating Temperature	-10°C to 65°C	-10°C to 65°C
Operating Distance	Up to 14cm depend on transponder and size	Up to 7cm depend on transponder and size
System Interface	Compact Flash Type-II form factor	Compact Flash Type-I form factor
Host Communication Baud Rate	Up to 115.2 kbps	Up to 115.2 kbps
Power Source	3.3V	3.3V
Antenna	Built-in	Built-in
RF modulation index	10% to 100%	10% to 100%
Operation System	Microsoft Pocket PC 2003	Microsoft Pocket PC 2003
Dimension	Approximately 50mmx103mm	Approximately 42.5mmx68.0mm(WxL)
FCC Certification	Part 15	Part 15

Block Diagram



Dimension (unit: mm)

