

Configurable Mifare® (MAD) Sector Reader

Introduction:

MF700 is an user configurable Mifare® sector data reader. It can be configured to read Mifare® card with MAD1/MAD2 standard in a Mifare® application open system, or can be configured to read the user-defined sector data (Non-MAD) in a user defined closed system. Output interface can be configured as an RS232 output or Wiegand output.

MF700 also can be set with a Reader ID number for multi-unit communication. In addition **MF700** is not only read sector data (or/and card serial number) on Mifare® card, also can Read/Write the card through the "MF5 Command Mode " from the Host.

Features:

- Possible to be installed on metal surface
- Support MAD1/MAD2 standard and customer MAD-AID setting
- Support Non-MAD format with user-defined sector number.
- Support Multi Sectors
- Read Mifare® Standard 4K or Mifare® Standard 1K card
- Set Reader ID number for multi-link application
- Two output interfaces: Wiegand (Default) and RS232
- Wiegand output is selectable from 26 bits to 130 bits
- RS232 output packet can be set with Header, Reader ID and trailer
- Internal LED and buzzer are configurable
- Weather resistant

Applications:

- Access Control System
- Time attendance
- Guest registration system
- Academic service
- Information service

Specifications:

Power Requirements	5.5 ~ 12 Volts ※ A linear regulator is recommended
Interface	Wiegand 26 bits ~ 130bits Selectable RS232
Card type	Mifare MF1 standard cards for 1024 / 4096 bytes and Mifare UltraLight cards of EEPROM size 512 bits for ISO 14443A
Maximum reading distance	Up to 50 mm with MFA01 card in ideal conditions
Frequency	13.56 MHz standard
Card format	MAD1 / MAD2
Audio / Visual Indication	Internal LED and Buzzer
Dimensions	78 (L) x 43 (W) x 15(D) mm
Housing material	ABS
Environment	Operating temperature -10 ~ +60°C Operating relative humidity 10~90%

Ordering information:

MF700SK-00 : MF700 reader + MF700KIT configure kit + PCR310U card issuer + Card issue and utility software + 9VDC power adaptor + MFA01 Mifare standard 1K card * 3 pcs
MF700-00 : MF700 reader

※ Specification is subject to change without notice.

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