

# 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:**

5.5 ~ 12 Volts
※ A linear regulator is recommended
Wiegand 26 bits ~ 130bits Selectable
RS232
Mifare MF1 standard cards for 1024 /
4096 bytes and Mifare UltraLight
cards of EEPROM size 512 bits for
ISO 14443A
Up to 50 mm with <b>MFA01</b> card in ideal
conditions
13.56 MHz standard
MAD1 / MAD2
Internal LED and Buzzer
78 (L) x 43 (W) x 15(D) mm
ABS
Operating temperature -10 ~ +60°C
Operating relative humidity 10~90%

MF700

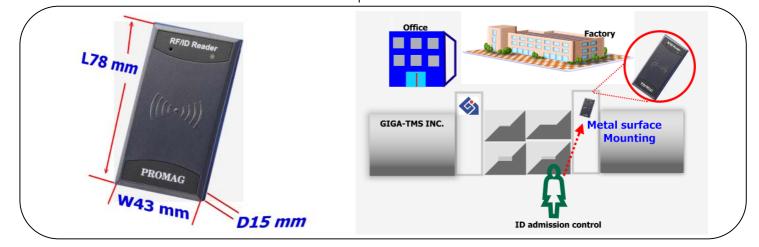
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#### **Ordering information:**

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.

\* Mifare is a registered trademark of Philips Electronics N.V.



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