### 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 or MSR ABA TK2.

MF700 also can be set with a Reader ID number for multi-unit communication.

### Features:

- Possible to be installed on metal surface
- Supports MAD1/MAD2 standard and customer MAD-AID setting
- Supports Non-MAD format with user-defined sector number.
- Supports Multi Sectors
- Reads Mifare® Standard 4K or Mifare® Standard 1K card
- Sets Reader ID number for multi-link application
- Three output interfaces: Wiegand (Default), RS232 and MSR ABA TK2
- Wiegand output is selectable from 26 bits to 128 bits
- RS232 output packet can be set with Header, Reader ID and trailer
- Internal LED and buzzer are configurable
- Weather resistant
- \* Mifare is a registered trademark of Philips Electronics N.V.

## Applications:

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

## Specifications:

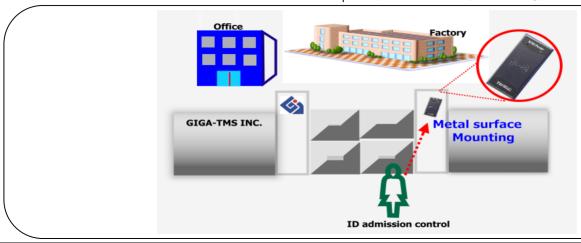
| Specifications:           |   |
|---------------------------|---|
| Power Requirements        | 7.5 ~ 12 Volts  |
| Interface                 | Wiegand 26 bits ~ 128bits<br>Selectable<br>RS232, MSR ABA TK2 |
| Card type                 | Mifare MF1 standard cards for 1024 / 4096 bytes               |
| Maximum reading distance  | Up to 50 mm with <b>MFA01</b> card in ideal conditions        |
| Frequency                 | 13.56 MHz standard  |
| Card format               | MAD1 / MAD2   |
| Audio / Visual Indication | Internal LED and Buzzer                                       |
| Dimensions                | 83(L) x 47 (W) x 16(D) mm                                     |
| Housing material          | ABS   |
| Environment               | Operating temperature 0 °C ~ +60 °C                           |
|                           | Operating relative humidity                                   |

# **Ordering information:**

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

10~90%

\* Specification is subject to change without notice.



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