PROMAG™

DF700/DF710 MIFARE®(MAD) MIFARE® DESFire Reader

Introduction:

DF700 series are available for user's end configuration by applying Mifare® sector and MIFARE® DESFire technology. They can be configured to read MIFARE® or MIFARE ® DESFire card with MAD1/MAD2 or MAD 3 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 for DF700 and DF710 for RS485 output,or Wiegand output or MSR ABA TK2 for both models.

DF700 or DF710 are also available to set with a Reader ID number for multi-unit communication.

Features:

- Supports MIFARE ® DESFire, MIFARE® Classic
- Supports Non-MAD format with user-defined sector number.
- Supports Multi Sectors
- Sets Reader ID number for multi-link application
- 3 in 1 output interfaces: Wiegand (Default), RS232 and MSR ABA TK2 or Wiegand (Default), MSR ABA TKS and RS485
- Wiegand output is selectable from 1 bit to 128 bits
- RS232/RS485 output packet can be set with Header, Reader ID and trailer
- Internal LED and buzzer are configurable or control with RS232 commands or wires.
- Weather resistant
  ※ Mifare is a registered trademark of Philips Electronics N.V.
  ※ ※ Specification is subject to change without notice.

Applications:

- Access Control System
- Time attendance
- Guest registration system
- Authorization Identification
- Identity Authentication

Specifications:

Model No.	DF700	DF710
Security	DES & 3DES MACing / Encipherment	
Power Requirements	DC 7.5 V~12 V (200mA@7.5V, 150mA@12V) ※ A regulated power is recommended	
Interface	Wiegand , ABA TK2 RS232	Wiegand, ABA TK2, RS485
Card type	MIFARE® DESFire, MIFARE® Classic (1K, 4K for MAD1/MAD2) ,DESFire 4K/8K for MAD3)	
Maximum reading distance	Up to 50 mm with Mifare® card Up to 40 mm with DESFire card	
Frequency	13.56 MHz standard	
Card format	MAD1 / MAD2, and MAD3	
Audio / Visual Indication	Internal LED and Buzzer	
Dimensions	L82.5 x W46.5. x D15.0 mm	
Housing material	ABS	
Environment	Operating temperature 0 °C ~ +60 °C Operating relative humidity 10~90%	

Ordering information:

DF700: Mifare configurable reader with RS232
DF710: Mifare configurable reader with RS485