

## Introduction:

DF750K/DF760K series are available for user's end configuration by applying MIFARE® sector and MIFARE® DESFire® technology. They can be configured to read MIFARE® DESFire cards with MAD3 or MIFARE® MAD1/MAD2 sector 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 DF750K and DF760K for RS485 output, or Wiegand output or MSR ABA TK2 for both models.

DF750K or DF760K also can be set with a Reader ID number for multi-unit communication.

## Features:

- Supports MIFARE MAD1/MAD2, DESFire® Files standard and customer MAD-AID setting
- Supports Non-MAD format with user-defined sector number.
- Supports Multi Sectors
- Reads Mifare® DESFire or MIFARE® Classic cards with pass code.
- Sets Reader ID number for multi-link application
- Output interfaces: Wiegand (Default), MSR ABA TK2, RS232 and RS485
- Wiegand output is selectable from 1 bits to 128 bits
- 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® and MIFARE® DESFire is a registered trademark of Philips Electronics N.V.

## Applications:

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

## Specifications:

Model No.	DF750K	DF760K
Security	DES & 3DES MACing / Encipherment	
Interface	RS232, Wiegand, MSR ABA TK2	RS485, Wiegand MSR ABA TK2
Power Requirements	DC 7.5 V~12 V /150mA@12V ※ A regulated power is recommended	
Card type	MIFARE® DESFire, MIFARE® Classic 1K/4K for MAD1/MAD2, DESFIRE 4K/8K for MAD3	
Maximum reading distance	Mifare:Up to 70 mm DESFire:Up to 50 mm	
Frequency	13.56 MHz standard	
Card format	MAD1 / MAD2, and MAD3	
KeyPad Output	Wiegand 4/6/8bits, ASCII Hex Code and Buffering Decimal	
Audio / Visual Indication	Internal LED and Buzzer	
Dimensions	112.3 L x 96W x 22D mm	
Housing material	ABS housing/Metallic keys	
Environment	Operating temperature 0 °C ~ +60 °C Operating relative humidity 10~90%	

## Ordering information:

**DF750K:** Mifare configurable DESFire reader with RS232 interface

**DF760K** Mifare configurable DESFire reader with RS485 interface

※ Specification is subject to change without notice.



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration

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