DF750K
DF760K

DESFire®/Mifare® Reader with Keypad

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.

Indoor/outdoor Design	Weather resistant with metal keypad. Protection Classification: IP66
Security	mutual three pass authentication, DES & 3DES MACing / Encipherment.
3 in 1 Output Interface	Wiegand (Default) / ABA TK2 / RS232 or RS485 Wiegand output is selectable from 1 bits to 128 bits RS232/RS485 output packet can be set with Header, Reader ID and trailer
LED/Buzzer	Internal LED and buzzer are configurable or control with RS232 commands or wires.
Keypad	metal keypad with 4*3 Keys and output 4/6/8 bits wiegand/ASCII code or Buffering
Multi-Applications	Supports MIFARE MAD1/MAD2, DESFire® Files standard and customer MAD-AID setting. Supports Non-MAD format with user-defined sector number. Reads Mifare® DESFire or MIFARE® Classic cards with pass code.
Multi-Readers	Can be set with a Reader ID number for multi-unit communication

Applications:

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

Specifications:

Model No.	DF750K	DF760K
Security	DES & 3DES MACing / Encipherment	
Interface	Wiegand, ABA TK2, RS232	Wiegand, ABA TK2, RS485
Power Requirements	DC 7.5 V~12 V /125mA＠12V ※ A regulated power is recommended	
Card type	MIFARE® DESFire(4K/8K for MAD3), MIFARE® Classic(1K/4K for MAD1/MAD2)	
Maximum reading distance	Mifare:Up to 11 cm (MFA01A) ; DESFire:Up to 6 cm (CRD-T0011) ＠12V	
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%	
Protection Classification	IP66	
Certification	R&TTE / FCC	

※ Specification is subject to change without notice.

PROMAG™