MFR 08 & 09
Readers

Introduction

MFR 08 is a user configurable Mifare® sector data reader. It can be configured to read Mifare® card with MAD1/MAD2 standards 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 is able to configure as an RS232 output or Wiegand output or ABA Tk2. For Wiegand output is selectable from 26 bits to 128 bits.

MFR 09 is Cost effective option and reads CSN of Mifare, fits well to substitute Proximity card application, where writing data on card is not required. MFR 09 is also available in keypad option; keypad output is provided in Wiegand format and is compatible with any Wiegand Access Control Panel.

Features

- Metal surface installations.
- Support Mifare Application Data1 / Mifare Application Data 2 standard and customer MAD–setting.
- Support Non – MAD format with user–defined sector number.
- Support Multi Sectors.
- Read Mifare® Standard 4K or Mifare® Standard 1K card.
- Three output interfaces : Wiegand (Default)/RS232/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.
- Field Configurable with command card.

MFR – 08   MFR – 09   MFR – 09K

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Specifications :

Electrical	
Power Requirements	7.5VDC – 24 VDC
Card Type	Mifare® Standard 1K/4K Card
Card Format	MAD1/MAD2 support
RF Frequency	13.56MHz Standard
RF Distance	50mm (With MFA01 Card)
External control Audio Visual Indication	Internal LED and Buzzer

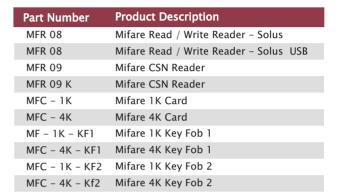| Part Number	Product Description
MFR 08	Mifare Read / Write Reader – Solus
MFR 08	Mifare Read / Write Reader – Solus USB
MFR 09	Mifare CSN Reader
MFR 09 K	Mifare CSN Reader
MFC – 1K	Mifare 1K Card
MFC – 4K	Mifare 4K Card
MF – 1K – KF1	Mifare 1K Key Fob 1
MFC – 4K – KF1	Mifare 4K Key Fob 1
MFC – 1K – KF2	Mifare 1K Key Fob 2
MFC – 4K – Kf2	Mifare 4K Key Fob 2

Mechanical
- Dimensions   : 83 (h) x 47 (W)x 16(H) mm
- Housing material : ABS

Environmental
- Operating temperature Range : 0 to 60 Deg C.
- Operating relative Humidity   : 10 ~ 90%.

Applications
1. Access Control
2. Time Attendance
3. Visitor Registration System
4. Academic Services
5. Information Services

Mifare - USB Reader

www.solus.co.in A1234567

Mifare Cards

KF1   **KF2**

Mifare Keyfobs