



The MF7 is a very high performance RFID reader featuring medium range and small dimensions.

It is the best choice for system integrators because of its wide range of power inputs (between 5V to 18V DC).

The Three-In-One interface, RS-232, MSR ABA TK2 and Wiegand, allow it to integrate with a variety of applications, especially security and access control.

Features

- Reading distance up to 50mm
- 13.56 MHz frequency
- Reads MIFARE Ultralight® & MF1 Standard
- Three in one interface:
 - Wiegand
 - MSR ABA TK2
 - RS232
- Fast data transfer
- Weather resistant
- High data integrity
- Easy to install
- Available installed on metal surface

Applications

- Access Control System
- Security System
- ID card for admission control
- Personal Identification

Interface	Wiegand 26 bits, MSR ABA Track 2, RS232 or special customised specification
Max. Reading Distance	Up to 50mm at 5V ~ 18V with MIFARE card in ideal conditions
Power Requirements	5V - 18V regulated DC at 150mA Typical with a 12V supply A linear regulator is recommended
Frequency	13.56MHz standard
Card Type	MIFARE MF1 standard cards 1024 / 4096 bytes MIFARE Ultralight® cards of EEPROM size 512bits for ISO 14443A
Frequency	13.56MHz standard
Transponder	Read only (for unique Serial Number / Unique Identifier)
Audio / Visual Indication	Internal LED Internal Buzzer
Dimensions	83 x 47 x 16 (LxWxD mm)
Housing Material	ABS
Environment	Operating Temperature 0°C ~ +60°C