

FE-MF-WRV1

VANDAL RESISTANT MIFARE KEYPAD AND CARD READER

Ideal for high-traffic and harsh environments, where PIN Code credentials are needed. Made from Zinc Alloy, it will effectively prevent vandalism. Provides Wiegand 34 communication interface for more flexible applications. The FE-MF-WRV1 is ISO14443A compliant. Identifies UID 7 bytes/ 5 bytes MIFARE Contactless Smart Card. System security is enhanced by case sensor detection function. Unlock modes include Card-swiping, Keypad pressing (with password option) to unlock.

At a glance

- Zinc Alloy Case
- Anti-vandal construction
- Output format: Wiegand 34
- Card type: 13.56 MHz MIFARE
- External LED/Buzzer control lines
- Backlit keypad
- Multi-colour LED Status Display
- Case Sensor Detection function
- Wide range of operating temperature
- Easy installation



Specification	
RFID Card Type	13.56 MIFARE
Active / Idle Current	Up to: 80 mA / 40 mA
LED Indicator	1x Red / Green bi-colour (Status / Power)
Reading range	3-5 cm
Keypad	13 Numbers keypad (backlit)
Beep Tone	Buzzer
Output format	Wiegand 34
Operating Voltage	12V DC $\pm$ 10%
Transmitting distance	100 meters
IP Rating	IP 67
Operating Temperature	-40°C to 70°C
Operating Humidity	10% to 90%
Dimensions	129 x 44 x 20 mm
Material	Zinc - Alloy
Weight	460g

Reader Wiring Description:

Wire Colour	Name	Function
Red	12V DC	Power supply (+)
Black	GND	Power supply (-)
Green	D0	Wiegand Data 0
White	D1	Wiegand Data 1
Brown	LED	LED indicators on reader
Yellow	BUZZER	Buzzer on reader
Grey	RS485	OSDP Data A
Blue	RS485	OSDP Data B