MIFARE® Readers

OVERVIEW

Verex MIFARE® readers are able to read contactless smart cards, also known as MIFARE cards. These cards allow for multiple applications on one card, such as access control, vending machine debit, library usage, university accounts and prepaid parking. Verex also supplies MIFARE cards, available unprogrammed or programmed.

MIFARE readers provide a Wiegand output and can be used with all Verex Access Control Systems as well as most other access control systems. Readers are compatible with Ultralight Type A Format (used in public transportation applications).

MIFARE readers are available in 4 different styles: Switchplate, Switchplate Keypad Arming Station, Mullion and Mullion Keypad Arming Station. An embedded LED reflects access status by surrounding transparency tube (Mullion styles) or by transparency front plate (Switchplate styles).

STANDARD FEATURES

- MIFARE® technology allows one card to be used for up to 16 different applications
- Standard Wiegand output interfaces to most access control systems
- Audio visual indicators provide feedback when a card is read and accepted
- Fully compatible with ISO 14443A, the industry standard for contactless smart cards
- Fully weatherized to withstand outdoor conditions
- 4H hardness front plate coating to protect against scratches

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Specifications

Description

Maximum Read Range	25 to 75 mm (1 to 3 in.)
Cable Distance	Wiegand 500 feet (150 m)
Output	Wiegand (customized output formats available and subject to additional costs)
Transmit Frequency	13.56 Mhz
Data Transmission	Contactless
Power Supply	9–15 VDC
Material	Polycarbonate, black
Mounting	Surface
Diagnostics	Internal power up selfl-test
Current Requirements	160ma (max) Switchplate 120mA (max) Mullion
Temperature Operating	-30º C to 70º C (-22º F to 158º F)
Dimensions (HxWxD)	Switchplate Style 3-1/3 x 4-1/2 x 3/4 in. (84.5 x 115.5 x 20.5mm)
	Mullion Style 2-1/4 x 6 x 1 in. (53 x 150 x 25mm)
Standards	FC, RoHs, CE

Ordering Information

120-4080	Switchplate Reader
120-4081	Switchplate Keypad Arming Station Reader
120-4082	Mullion Reader
120-4083	Mullion Keypad Arming Station Reader

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