ACI407N

Mifare card reader with built-in keypad, with 3 meter cable

Product Overview

The ACI406/407 Mifare readers connect directly on any Wiegand interface of control panels or door controllers. The readers are designed for reliable and secure access control, data collection and people identification in various environments. The Mifare® technology is based upon the ISO 14443 (RFID) Type A 13.56 MHz contact less smart card standard. The technology is embedded in both cards and readers (also referred to as a Proximity Coupling Device).
These innovative products read MIFARE® DESFire UID, MIFARE® Classic UID, MIFARE® Ultralight UID, MIFARE® Plus UID, MIFARE® SmartMX (MIFARE® Classic emulation mode) UID, NFC (UID), Mifare Classic 7 Byte UID

Communication

Readers are suitable for most applications and offer transparent Wiegand communication. Good performance and robustness ensure optimal functionality even in harsh environments.

Design

The unique design of the housing guarantees that the readers can be used in the most demanding surroundings. Readers can be installed directly on to a metal surface without any insulation.



Details

- Multi protocol reader
- Reads the chip serial number (4 and 7-byte)
- Robust molded plastic housing
- Indoor or outdoor mounting
- Wiegand communication to controller
- With Keypad

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Technical specifications

System

CSN (Card Serial Number)	Yes
Supported card types	Mifare Classic 7 Byte UID, MIFARE® Classic UID, MIFARE® DESFire UID, MIFARE® Plus UID, MIFARE® SmartMX (MIFARE® Classic emulation mode) UID, MIFARE® Ultralight UID, NFC (UID)
No. of LEDs	Tricolor

Technology

Reader type	Proximity
Reader operating-transmitting frequency	13.56 MHz
Supported technology 13.56 MHz	MIFARE Classic (CSN)
Mifare type	ISO14443A
No. of Mifare bytes CSN	7 Bytes (S70)

Interface & connections

Interface	Wiegand
Pigtail length	300
Supported cable type	LIYCY 3 m

Tamper type

Pry-off tamper	Yes

Operation

PIN keypad	Yes

Electrical

Operating voltage	12 VDC (+8 to +28 V)
Current consumption	100 mA max.

Physical

Physical dimensions	140 x 44 x 20 mm (H x W x D)
Colour	Black
Material	Plastic
Mounting type	Surface mount

Environmental

Operating temperature	-40 to +55°C
Storage temperature	-40 to +55°C
Environment	Outdoor
IP rating	IP67

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