

# ACI407N

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

## Product Overview

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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

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

## Design

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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

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- 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

### 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 Byte (S70)

### System

CSN (Card Serial Number) Yes	
Supported card types	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
No. of LEDs	Tricolor

### Interface & connections

Interface	Wiegand
Pigtail length	300

### Tamper type

Pry-off tamper	Yes
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### Operation

PIN keypad	Yes
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### Electrical

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

### Physical

Physical dimensions	140 x 44 x 20 mm
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	IP47

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