Alarm.com Access Control Readers

Data Sheet

ADC-AC-ET10, ADC-AC-ET20, ADC-AC-ET25
www.alarm.com

Specifications

RF Technologies: 125 KHz, 13.56 MHz, NFC, Bluetooth Low Energy

Reads: MIFARE DESFire® EV1 & EV2, LEAF, FSK and ASK proximity

Input power: 5-16 VDC, 144 mA max (ET10), 169 mA max (ET20), 193 mA max (ET25)

Output: OSDP, Wiegand, accelerometer-based tamper detection

Read ranges: EV1: 1.2", EV2: 2.2", 125 kHz up to 4"

Temperature: -31°F – 151°F (-35°C – 66°C)

Dimensions: 5.1 x 1.7 x 0.7" (13.0 x 4.3 x 1.8 cm) (ET10), 5.1 x 3.3 x 0.7" (13.0 x 8.4 x 1.8 cm) (ET20 & ET25)

Operating Humidity: 5 – 95% (non-condensing) RH

Weight: 7 oz (ET10), 10 oz (ET20), 11.3 oz (ET25)

Country of Origin: USA

Weight: 7 oz (ET10), 10 oz (ET20), 11.3 oz (ET25)

Certifications: FCC, IC, CE, UL 294,EN 302291, EN 301489, EN 300330,EN 50130-4, IP55, BIS IS 13252

Overview

Alarm.com's Smarter Access Control is a powerful, easy-to-use solution for commercial properties that seamlessly integrates with the Alarm.com for Business platform. This platform enables intelligent automation and features, such as disarming when badging in, locking doors when arming, and tagging access events on the video timeline.

These three multi-technology contactless access control readers offer a modern aesthetic and a state-of-the-art feature set, including Proximity (125 kHz), MIFARE DESFire (13.56 MHz), NFC, and Bluetooth®. All readers are fully OSDP™ compliant and are enabled for OSDP Secure Channel.

Features

- Multiple technologies in a single reader: Proximity, MIFARE DESFire, NFC & BLE
- Mobile Credentials support enables phones to unlock doors, eliminating badges
- OSDP Auto-Detect
- OSDP Secure Channel and remote firmware upgradability
- MIFARE DESFire® EV1 & EV2 support
- LEAF credential support for secure, open, interoperability
- FSK and ASK legacy proximity credentials support for seamless transitions
- Accelerometer-based tamper detection
- Tri-state LED light bar (red, green, amber) and audible beeper
- Accommodates indoor, outdoor installation environments

Benefits

- Scan-to-add card format and serial detection
- Control doors and manage users from the Alarm.com app
- Integrated Alarm.com intrusion and video offerings
- User-friendly, flexible scheduling
- Configure hardware using web or app for easy installation
- Plug & play installation—no networking expertise required