



ALARM.COM®

# Alarm.com Smart Credentials Data Sheet

ADC-AC-CARD-50D4  
ADC-AC-CARD-50H4  
ADC-AC-FOB-60H8

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## Features

MIFARE® DESFire® EV2 smart credentials

Additional Proximity support with Smart + Proximity Card

LEAF credential support for secure interoperability

## Smarter Access Control 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

## 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.

Alarm.com Smart Credentials provide secure access control authentication, in addition to data storage for biometrics, user privileges, or other custom applications. Each Smart Card and Smart Key Fob is equipped with an Alarm.com-specific encryption key which can only be read using Alarm.com readers, providing an additional layer of security. The Smart + Proximity Card allows businesses to continue supporting older credentials while transitioning to new smart credentials.

Features	Smart Card	Smart + Proximity Card	Smart Key Fob
SKU	ADC-AC-CARD-50H4	ADC-AC-CARD-50D4	ADC-AC-FOB-60H8
Security Level	EAL 5+	EAL 5+	EAL 5+
Memory Size	4K	4K	8K
Frequency	13.56 MHz	125 kHz + 13.56 MHz	13.56 MHz
Technology	MIFARE DESFire EV2	MIFARE DESFire EV2 + Proximity	MIFARE DESFire EV2
Dimensions	3.4 x 2.1 x 0.03" (8.7 x 5.4 x 0.08 cm)	3.4 x 2.1 x 0.03" (8.7 x 5.4 x 0.08 cm)	1.6 x 1.2 x 0.2" (4.0 x 3.1 x 0.5 cm)
Read Range	Up to 3" (7.6 cm)	Up to 3" (7.6 cm)	Up to 3" (7.6 cm)
Slot Punch	Vertical or Horizontal	Vertical or Horizontal	N/A
Storage & Operating Temperatures	-50°F – 160°F (10°C – 71°C)	-50°F – 160°F (10°C – 71°C)	-13°F – 176°F (-25°C – 80°C)
Material	PVC + PET	PVC + PET	Polycarbonate
LEAF Compatibility	LEAF enabled	LEAF enabled	LEAF enabled
Color	White	White	Black with White Center
Country of Origin	USA	USA	USA