

## 2080 iCLASS® Clamshell Card

**Brand:** Smartjac Industries Inc  
**Product Code:** SMAH100135



### Short Description

High durability 13.56 MHz Contactless Smart Card.

### Description

#### Overview

2080 iCLASS® Clamshell Smart Card

HID's iCLASS® Clamshell smart card provides 13.56 MHz read/write contactless smart card technology with mutual authentication in a cost effective card package, with an ABS shell construction that provides durability in harsh environments. iCLASS provides enhanced security through encryption and mutual authentication while delivering the convenience, affordability, secure access control and reliability of proximity technology for which HID is known worldwide.

The iCLASS Clamshell smart card is priced to provide an easy way to improve the security of your access control installation. Any existing HID format can be factory or field programmed into the secure HID access control application area.

### Key Features of the iCLASS Clamshell Smart Card

13.56 MHz read/write contactless smart card technology with mutual authentication provides high-speed, reliable communications with high data integrity.

Provides a cost effective way to improve the security of your access control installation.

Available in 2k bit (256 Byte), two application area configuration only.

Provides the HID standard access control application area and one other application area for user customization.

iCLASS technology ensures high security with mutual authentication, encrypted data transfer, and 64-bit diversified keys for read/write capabilities.

Any existing HID format can be factory or field programmed into the secure HID access control application area.

Meets ISO 15693 standard for contactless smart card communications.

## **Specifications**

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Typical Maximum Read Range\*

R10 1.5-2.5" (3.8-6.3 cm)

R30/RW300 1.5-3.0" (3.8-7.6 cm)

R40/RW400 2.5-4.5" (5.1-10.2 cm)

RK40/RWK400 3.0-4.0" (6.3-8.9 cm)

\*Dependent upon installation conditions.

## **Dimensions**

2.125" x 3.375" x 0.070" max. (5.40 x 8.57 x 0.18 cm)

## **Card Construction**

ABS Shell with PVC Cover Label.

## **Memory Type**

EEPROM, read/write

## **Multi-application Memory**

2k bit (256 Byte) card with 2 application areas

## **Warranty**

Lifetime

