

## CP1000 iCLASS SE Encoder



**Brand:** HID Global  
**Product Code:** SMAH100164

### Short Description

Convenient encoding solution for contactless credentials. Encoder Platform for programming contactless credentials. Encode high frequency credentials such as iCLASS Seos™, iCLASS SE®, and MIFARE® DESFire® EV1.

### Description Overview

#### iCLASS SE Smart Card Encoder Encodeur RFID

The iCLASS SE® Encoder provides an ideal solution for encoding and managing credentials and configuring readers. The encoder makes it possible for end-users to add an additional layer of security to card credentials, independent of card technology.

Adding Secure Identity Objects (SIOs) to card credentials enhances overall system security by enabling cards and readers to establish that they are part of a trusted access control population. Both reader and device establish trust through mutual recognition of the SIO prior to permitting access. The system will deny access to any device that does not contain the SIO, such as cloned or other unauthorized credentials.

The iCLASS SE Encoder provides a flexible solution to easily facilitate migration from one card technology to another. The encoder accomplishes this by allowing users to

simply extract the existing access control data from a credential and write the data to a new credential. Alternatively, users can first “wrap” the existing access control data in an SIO for higher security and then write the data back to the existing credential.

## **Key Features**

Supports a wide variety of credential technologies including; iCLASS Seos®, iCLASS SE, iCLASS, MIFARE® DESFire® EV1, HID Prox and other technologies

Enables upgrade from standard HID access control credentials to credentials secured with more secure HID Elite or user defined custom keys

Programs Genuine HID or third-party credentials by downloading appropriate Encoder Credential Credits

Manages custom data on contactless cards such as iCLASS Seos to enable third party applications (i.e. time and attendance)

Available as either a desktop encoder or as an embedded solution within a FARGO® card printer

## **Specifications**

### **Programmer Specifications**

Dimensions (LxWxH): 2.79" x 3.66" x 0.63" (71 mm x 93 mm x 16 mm)

Weight: Approx. 3.53 oz / 100 g

Power Requirements: Bus powered

Operating temperature: 32°-158° F (0° - 70° C)

Operating humidity: 10-90% Relative Humidity

### **Host Interface**

Host Interface: USB 2.0 CCID (also compliant with USB 1.1)

Transmission speed: 12 Mbps (USB 2.0 full speed)

### **Card Compatibility**

Encode Credentials: iCLASS, iCLASS SE, iCLASS Seos, MIFARE® DESFire® EV1, MIFARE Classic®, HID Prox