

HID iCLASS Card Compatibility with HID iCLASS Programmers and Encoders

Last Modified on 01/12/2022 3:58 pm EST

Product Name

HID iCLASS Card Compatibility with HID iCLASS Programmers and Encoders

General Information

There are three types of HID iCLASS cards that can be sourced from Lenel:

1) **Configured and programmed iCLASS cards (HID Part Number 2xxxPxxxx)**

With this type of iCLASS card, the HID access control application (Page 0 App 1) typically does not need to be encoded.

However, if a non-HID access control application needs to be encoded, such as the Bioscrypt V-Smart application, a programmer is required because the entire card is secured with the HID site key, and only a programmer can encode or authenticate with the HID site key.

2) **Configured and non-programmed iCLASS cards (HID Part Number 2xxxCxxxx)**

With this type of iCLASS card, you typically need to encode either the HID access control application, or a non-HID access control application such as the Bioscrypt V-Smart application. A programmer is required because the entire card is secured with the HID site key, and only a programmer can encode or authenticate with the HID site key.

3) **Non-configured and non-programmed iCLASS cards (HID Part Number 2xxxNxxxx)**

With this type of iCLASS card, if you need to encode the HID access control application with the HID site key, a programmer is required.

If you need to encode the HID access control application with the Lenel site key, or a custom site key, either a programmer or an encoder can be used.

Note: If you are encoding a non-HID access control application, such as the Bioscrypt V-Smart application, the specific memory configuration must be indicated in the smart card format itself. This is done in the Card Formats folder. From System Administration, select the **Card Formats** from the **Administration** menu.

- If the chosen memory configuration contains a (Custom Key), either a programmer or an encoder can be used.

- If the chosen memory configuration does not contain a (Custom Key), then a programmer is required.

Refer to the Additional Information section for the recommended encoder and programmer models.

Applies To

OnGuard (All versions)

Additional Information

If a programmer is required, the following HID iCLASS programmer models can be used:

6121BKN0000PRGL (iCLASS RW400 READ/WRITE Card Programmer)
6121AKN0000PRGM (iCLASS RW400 READ/WRITE Card Programmer)

If an encoder is required, the following HID iCLASS encoder models can be used:

6121BKN0000L (iCLASS RW400 READ/WRITE contactless smart card reader/writer)
6121AKN0000L (iCLASS RW400 READ/WRITE contactless smart card reader/writer)
6111BKN0000L (iCLASS RW300 READ/WRITE contactless smart card reader/writer)
6111AKN0000L (iCLASS RW300 READ/WRITE contactless smart card reader/writer)
6131AKT000009L (iCLASS RWK400 READ/WRITE contactless smart card reader/writer with keypad)