



Technical Tip

Card + PIN vs. Card or PIN Configuration

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1.0 Introduction

This document will help you decide which Card/PIN format to use for configuration and which type of HID reader to purchase.

2.0 Card + PIN vs. Card or PIN

2.1 Card + PIN

Card + PIN configuration is where a user will put in PIN Code on the HID reader and then follow that up with a card swipe.

In order to have **Card + PIN** configuration your HID reader must be programmed as an **A-CRK-5355-00**. If your HID reader is not programmed properly, then you can request programming cards from HID.

2.2 Card or PIN

Card or PIN configuration is where a user will either swipe their access card or put in a PIN Code.

In order to have **Card or PIN** configuration your HID reader must be programmed as an **A-CRK-5355-14**. If your HID reader is not programmed properly, then you can request programming cards from HID.



For Card + PIN order:

A-CRK-5355-00.

For Card or PIN order:

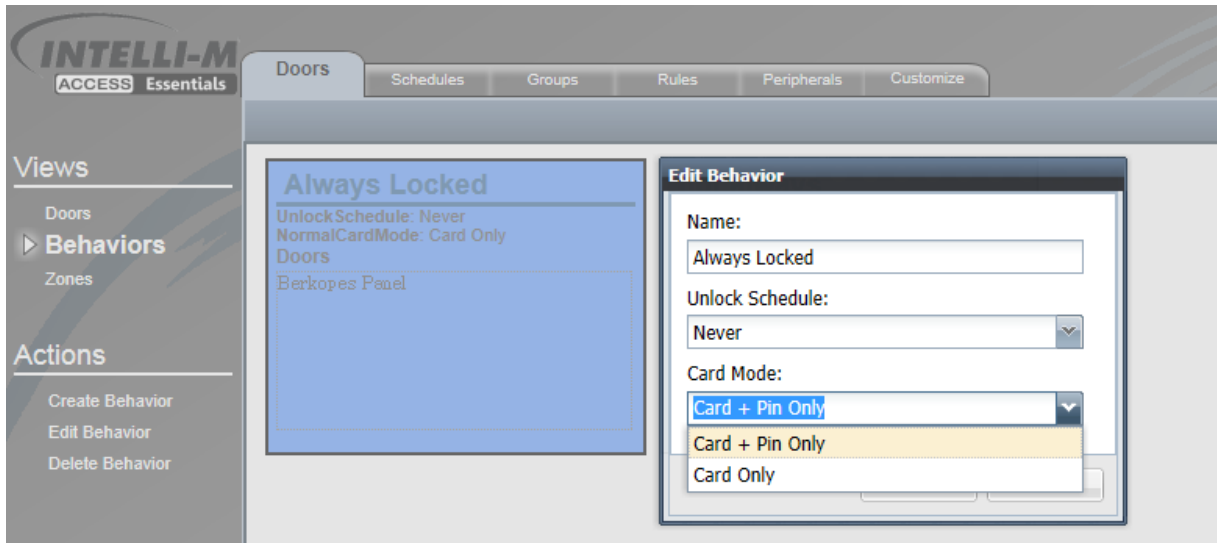
A-CRK-5355-14.

3.0 Card + PIN Configuration in Intelli-M® Access

For the purpose of this document, we will not walk you through entire configuration process, rather the bulletin points. For more information on Configuring Intelli-M® Access, refer to the [Essentials User Guide](#) or [Essentials Training Manual](#).

3.1 Create or Modify a Door Behavior for Card + Pin Only

Login to Intelli-M® Access and proceed to the **Doors** Page, under the Configuration section. Next, either edit an existing behavior by selecting the behavior and then selecting the **Edit Behavior** Action, or create a behavior by selecting the **Create Behavior** Action. Choose **Card + Pin Only** for Card Mode.



3.2 Add Card Code and PIN Code for Users

Navigate to the **People** Tab under the Home section. Next, edit an existing Person by selecting the Person and then selecting the **Edit Person** Action. From the Edit Person pop-up window, browse to the **Badge** Tab and configure the **Card Code** and **PIN Code** for that user.

The screenshot shows the 'Edit Person' interface. At the top left is a profile picture of a man. To the right are input fields for: Title (empty), First Name (Donald), MI (L), Last Name (Shaffer), and Suffix (dropdown). Below these are Employee Id (empty), Site Code (10), Card # (273), and Department (Training). A 'Change Image' button is below the photo. A tabbed menu below the form includes 'Contact', 'Badge', 'Credentials', 'Groups', 'Role', and 'Custom Fields'. The 'Badge' tab is active, showing a table with columns: Status, Site Code, Card Code, Pin Code, Activation Time, Expiration Date, Expiration Time, and Disabled. The table contains one row with the following data:

Status	Site Code	Card Code	Pin Code	Activation Time	Expiration Date	Expiration Time	Disabled
Active	10	273	1234	2013-02-15	3:37 PM		<input type="checkbox"/>

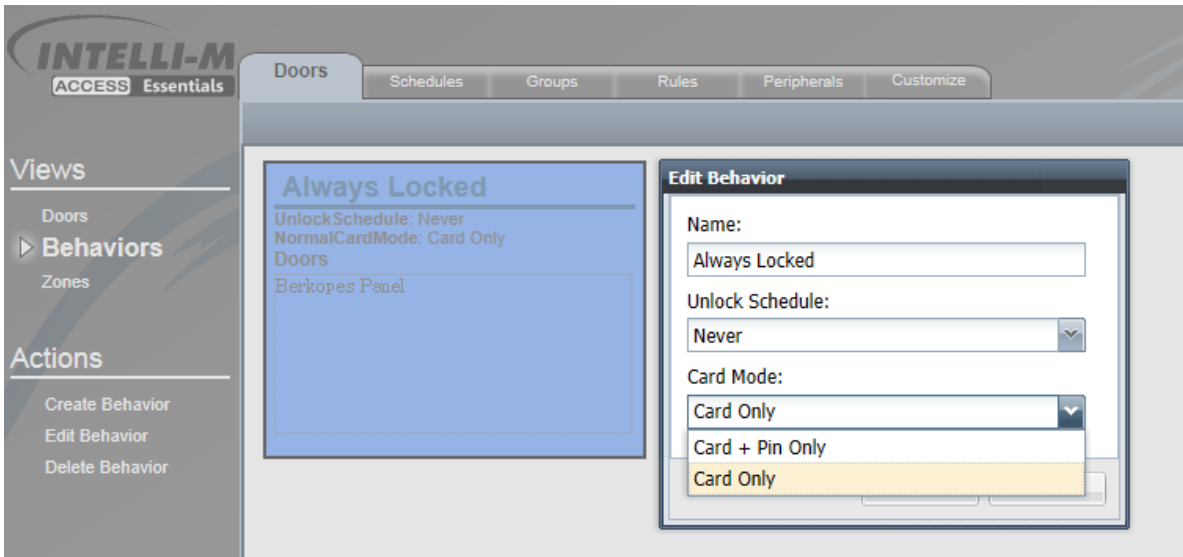
At the bottom right of the interface are buttons for 'Print Badge', 'Save', and 'Cancel'.

4.0 Card or PIN Configuration in Intelli-M® Access

For the purpose of this document, we will not walk you through entire configuration process, rather the bullet points. For more information on Configuring Intelli-M® Access, refer to the [Essentials User Guide](#) or [Essentials Training Manual](#).

4.1 Create or Modify a Door Behavior for Card Only

Login to Intelli-M® Access and proceed to the **Doors** Page, under the Configuration section. Next, either edit an existing behavior by selecting the behavior and then selecting the **Edit Behavior** Action, or create a behavior by selecting the **Create Behavior** Action. Choose **Card Only** for Card Mode.



This will allow users to operate in a **Card Only** or **PIN Only** environment. Because the HID reader is an 8-bit burst reader, the PIN code is cached until the # key has been punched, and it subsequently sends the PIN Code to Intelli-M® Access. Therefore, Intelli-M® Access sees the PIN Code exactly like a Card Code.

4.2 Configure PIN Code as the Card Code for Users

Navigate to the **People** Tab under the Home section. Next, edit an existing Person by selecting the Person and then selecting the **Edit Person** Action. From the Edit Person pop-up window, browse to the **Badge** Tab and configure the **PIN Code** in the **Card Code** section.

