



HARTMANN CONTROLS Corp.

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HC-K101 PIN Reader.

PIN Readers may be used with Protector in two Modes. Mode 1 allows access via a valid card OR a valid PIN number. Mode 2 allows access via a valid card OR valid card & valid PIN combination.

Mode 1 (PIN or Valid Card) setup.

In order to use the PIN reader in this configuration you need to confirm that the jumpers inside the reader are set as follows. JP1 open and JP2 closed (26 bit Wiegand for both).

The PIN used in this mode is the complete card number of the cardholder including the site ID. For example, a cardholder with site ID 052 and a card number of 12345 would enter 05212345 as a PIN.

In order to gain access, the PIN must be entered in the following format: ESC + PIN + ENT.

In our example, in order to gain entry, ESC 05212345 ENT would need to be pressed using the keypad.

An additional method of assigning a PIN using this mode is to program an additional cardholder and enter a site ID and card number strictly for PIN purposes. The PIN needed to grant access will consist of both 3 digit site code and 5 digit card numbers. For example, you may enter a cardholder with site code of 123 and card number of 45678 to use as a PIN even if the site ID is not valid and the card is not a valid card. This cardholder would only be granted access by using the PIN on the keypad (unless they were also assigned a valid card). In order to grant access the user would need to press the following on the keypad: ESC 1 2 3 4 7 4 5 6 ENT

Please note you need to press ESC at beginning and ENT at end of sequence.

Mode 2 (Card Only or Card & PIN).

In order to use the PIN reader in this configuration you need to confirm that the jumpers inside the reader are set as follows. JP1 Closed and JP2 Closed (26 bit Wiegand and 8bit burst).

In the Hartmann Control software you need to go to Setup>>System setup>>System setup and make sure PIN/Prox reader support is checked. You can change the pin seed number so your site generates unique pin numbers.

You then need to go to the door panel setup screen where the pin reader is attached and in the options screen check use pin/prox combo. Assign the time zone that has your blue color to the door.

When the timezone is yellow only a valid card is required to grant access. When the timezone is blue the card holder must present a valid card and enter a valid pin number.

The pin number must be 5 digits in length. If the pin number is less have the user enter leading 0's. If the users pin (shown on cardholder screen) is 4532 the user should do the following to gain access.

Present their card, then enter 04532 on keypad.