

# HID Omnikey 5427 on Lexmark devices

This card reader is supported on all Lexmark devices that support Print Director except for the XM1140 which does not support any card reader. It reads most cards including 125khz HID Prox and ISO EM cards as well as 13.5Mhz HID iClass and Mifare cards.

## Plug the USB reader into Windows PC

The driver may automatically install when plugged in. If it does not, go to <http://www.hidglobal.com/drivers> and download the EEM Driver for the OMNIKEY 5x27. Install the driver and then plug the USB reader in again.

## Open a web browser to <http://192.168.63.99/>

If the driver is correctly installed, it will open the OMNIKEY 5427 Reader Management interface.

- Click **Keyboard Wedge**.
- Tick the **Keyboard Wedge Enable** checkbox.
- Ensure **Boot Interface** is ticked.
- Ensure the **Card Out Event Keystrokes** textbox contains **[ENTER]**.

The screenshot shows the HID OMNIKEY 5x27 CK Reader Management interface. The 'Keyboard Wedge' tab is active. The following settings are visible and highlighted with red boxes:

- Keyboard Wedge Enable**:
- Output Type**: Keyboard Wedge
- Boot Interface**:
- Card Out Event Keystrokes**: [ENTER]

Other settings include:

- Keyboard Layout**: US
- Hex Output Case**: Lower
- Inter-Keystroke Delay**: 20
- Host Operating System**: Windows
- Custom CSN Resolution**: Bytes

Additional settings include 'Error Keystrokes', 'Allow prestrokes and poststrokes for errors' (unchecked), 'Tech order after error' (checked), and 'Enable Keyboard Wedge Encryption' (unchecked) with an 'Encryption Key' field.

© HID Global Corporation 2011-2018

- Click Card Data Selection.
- In the Card Type drop down, select your card type. The settings below may differ depending on which number must be used for authentication at your particular site. The settings below are an example using an HID iClass card. You can see what data will be sent by opening Notepad and then

scanning the card. Edit these settings so that the correct data comes through. It must be a Hex string that ends in a carriage return (e.g. 014001c3).

- Untick the **CSN** checkbox.
- Tick the **PACS** checkbox.

**HID** OMNIKEY® 5x27 CK Reader Management

Power 64: 0 days, 00:14:06  
Power up Reset 0: 0 days, 00:14:06

General Overview | Keyboard Wedge | Reader Information | Contactless Config | Host Interfaces | System Config | System Consoles | About

General Config | **Card Data Selection** | Input Data Manipulation | Out 1 Data Manipulation | Out 2 Data Manipulation

Card Type: HID iCLASS | Enable HID iCLASS:

Data Field	Enabled	Leading Byte	Reverse	Key	Key Type	Book	Page	Block	Offset	Length
CSN	<input type="checkbox"/>		None							
PACS	<input checked="" type="checkbox"/>		None							
Custom 1	<input type="checkbox"/>			0	Kd	0	0	0	0	0
Custom 2	<input type="checkbox"/>			0	Kd	0	0	0	0	0
Custom 3	<input type="checkbox"/>			0	Kd	0	0	0	0	0

Data Field	Enabled	Reverse	Offset (Bytes)	Length (Bytes)
CSN Custom 1	<input type="checkbox"/>	None	0	0

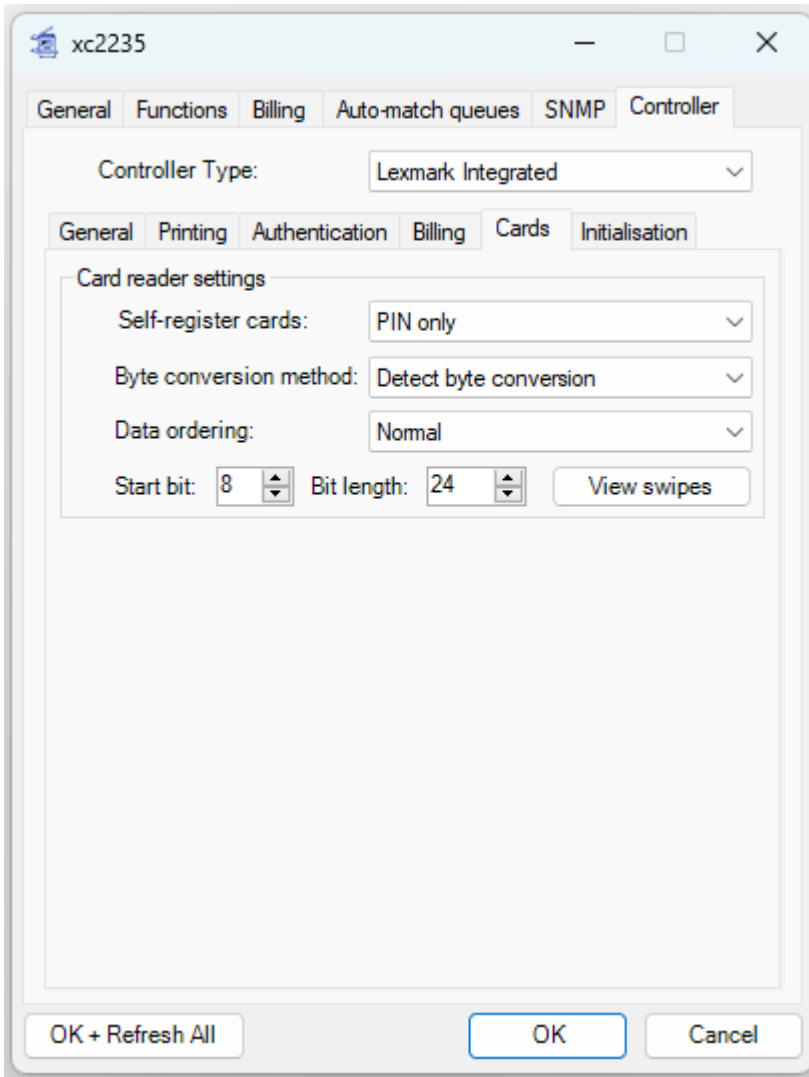
© HID Global Corporation 2011-2018

## Apply the changes and test in Notepad

Once the settings have been changed, we can test the output using Notepad.

- Click **System Config**.
- Click **Apply Changes**.
- Open **Notepad**.
- Scan the card. The output should be a hex string followed by a line feed.

## Card Reader Settings in Resource Manager



Document revision date: 2024/07/22

Software version: 2.4.12.4

© 2024 Blue Swift Software CC