

Setting up Moneris Including the Moneris Pinpad Using EMV Chip Processing



The Moneris 3070 (7800)

The Moneris pinpad is designed for use with their payment processing service. This document explains how to set up CRE/RPE to use Moneris payment processing and how to set up the Moneris pinpad using EMV Chip processing.

Be sure that you have your merchant information or else this will not work. You can receive your information directly from Moneris.

Note: To use the Moneris pinpad with EMV Chip processing you **MUST** have the following requirements:

- CRE/RPE version 12.5039 or above must be installed.
- You must have a pinpad that has the EMV Chip Processing enabled.

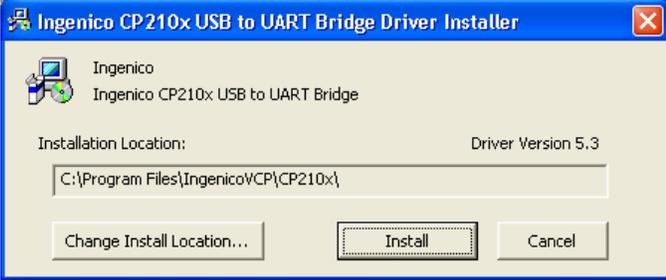
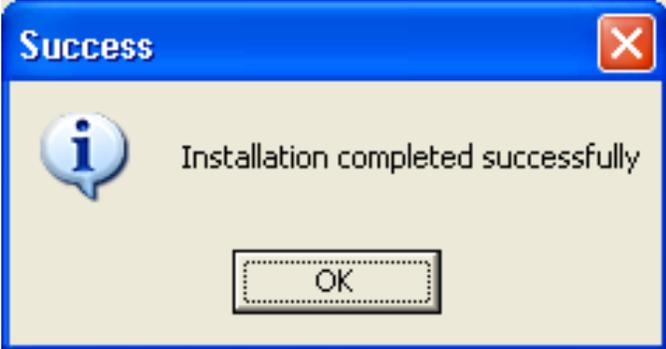
Moneris USB Driver Installation

Note: If the Moneris Pinpad you will be connecting is not connecting via a direct USB cable, then skip this section.

Note: Before installing the driver make sure the pinpad is unplugged.

You can download the USB cable driver for Windows XP from:

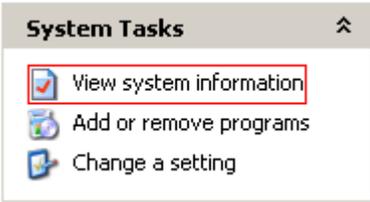
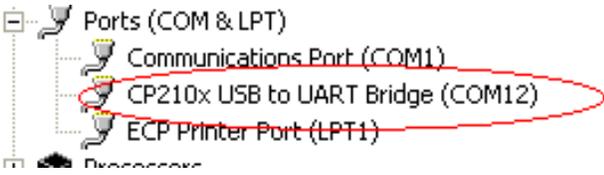
- http://download2.pcamerica.com/drivers/Pinpad/Moneris/Moneris_EMV_USB_Driver.zip

 <p>CP210xVCPInstaller.exe Driver Installation Utility Silicon Laboratories, Inc.</p>	<ol style="list-style-type: none">1. After the files have been extracted, run the Installer.
	<ol style="list-style-type: none">2. Select Install.
	<ol style="list-style-type: none">3. Select OK.

At this point of the installation plug in the USB cable and then wait for the device to be installed.

Determining which COM port is being used by the USB cable

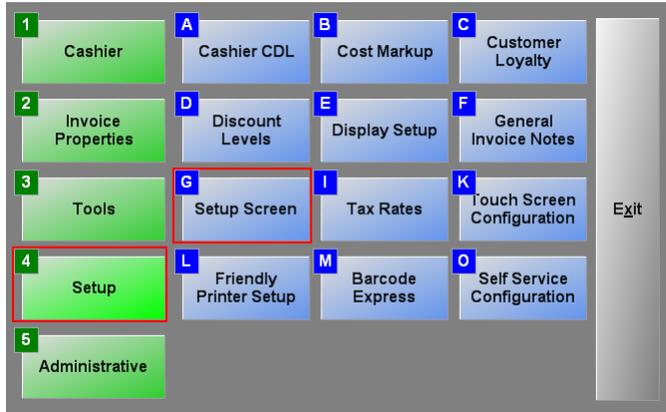
Even when the USB cable is used, the computer thinks the Moneris Pinpad is connected to a COM port. To find out which COM port the computer has assigned to the Moneris Pinpad, follow these steps.

	1. Select Start .
	2. Select My Computer .
	3. Select View system information .
	4. Select the Hardware tab. 5. Select Device Manager .
	6. Expand Ports (COM & LPT) . 7. Make a note of the COM port being used by the CP210x USB to UART Bridge (COM12) .

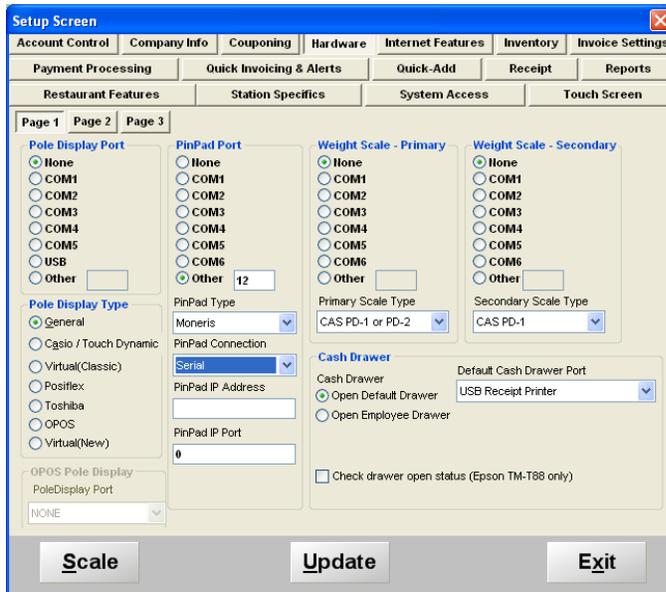
Setting up CRE/RPE to use a Moneris pinpad and Moneris payment processing

To begin using a Moneris pinpad and Moneris payment processing, start CRE/RPE, select **Manager**, provide the requested credentials, and follow these steps.

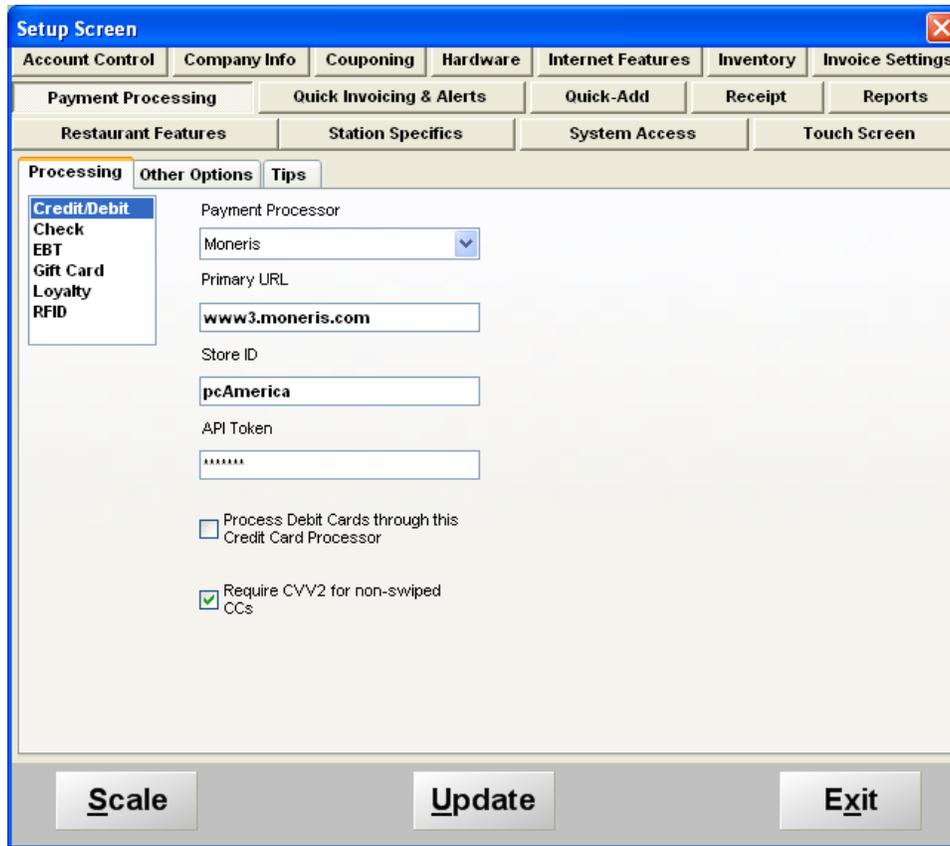
NOTE: IF THE PINPAD IS SERIAL (RS232) THE PINPAD MUST BE PLUGGED INTO THE COMPUTER VIA SERIAL AND TURNED OFF (NO POWER PLUGGED IN).



1. Select **Setup** and then **Setup Screen**.



2. Select the **Hardware** tab.
3. Select the COM port that will be used by the pinpad (if the device is connecting via USB please use the com port from the previous section).
4. Select **Moneris** as the **PinPad Type**.
5. Under **PinPad Connection** select either **USB** or **Serial** (depending on the cable).
6. Select the **Payment Processing** tab.



7. Select **Credit/Debit**.
8. Select **Moneris** as the “Payment Processor”.
9. The **Primary URL, Username (Store ID) and, Password (API Token)** will be supplied by **Moneris** on a VAR sheet.
Note: Both the Username (Store ID) and, Password (API Token) will be case sensitive.
10. Check **Require CVV2 for non-swiped CCs** if you would like to require a security code when no card is swiped.
11. **Process Debit Cards through this Credit Card Processor MUST** be checked.

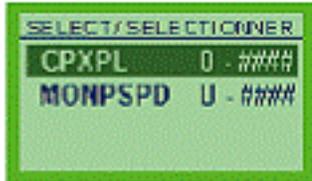


12. Select **Update**.

13. Exit completely out of CRE/RPE.

Configuring the pinpad to accept EMV Chips

1. If using a serial (RS232) pinpad connect the pinpad's power cable into the power outlet. If using a USB pinpad disconnect the cable from the back of the pinpad and reconnect it.
2. When the pinpad displays a screen stating **Initializing CPXPL 0-062-20XXXXXX**.
3. Press **ALPHA** (on the keypad) to configure the device.



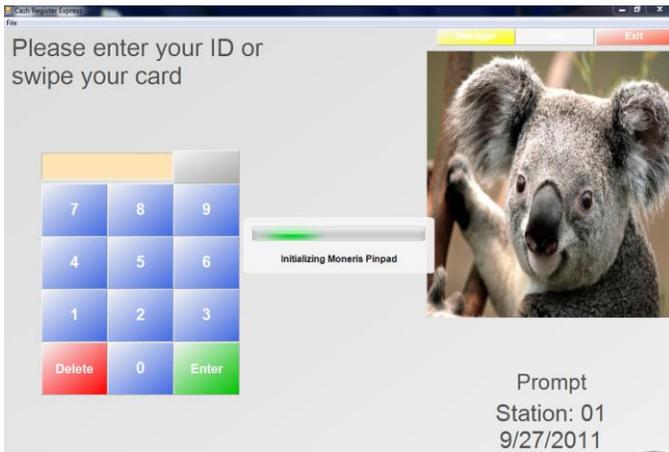
4. When the menu (pictured left) is displayed highlight **MONPSPD** by pressing **CHQ** (on the keypad).
5. Select **OK**.

Note: If **MONPSPD** is not listed as an option please highlight **CPXPL** and contact Moneris to have your device updated, to accept **EMV Chips**.

6. When the **LANGUAGE** prompt appears, press **CHQ** for **English**.
7. When the **MSG RETRIES** prompt appears, press **ALPHA** to turn the option off.
8. For the **Communication Type** prompt, select how the device is connected to the computer (this choice is dependent on what cable you are using to connect the pinpad to the computer).
 - Press **CHQ** to select **RS232** - Serial Connection
 - Press **ALPHA** to select **USB** - USB Connection
9. When the **AUTOBAUD** prompt appears, press **ALPHA** to turn the option off.
10. When the **LINE SPEED** prompt appears, select **9600** and then press **OK**.
11. When the **PORT SETTINGS** prompt appears, select **8b NO PARITY** (by pressing **CHQ** (x2) to scroll down) then press **OK**.
12. When the **ERROR CHECKING** prompt appears, press **ALPHA** to turn the option off.
13. When the **BEEP** prompt appears, press **CHQ** to turn the option on.
14. When the **PED SERIAL NUMBER #** prompt appears, select **OK**.



15. The pinpad will display **INITIALIZE, DONE,** and then **WELCOME/BONJOUR.**



16. At this point of the installation, you will need to open CRE/RPE.

17. Login to the invoice screen.

Note: During the initial configuration CRE/RPE will display **Initializing Moneris Pinpad** (shown left).

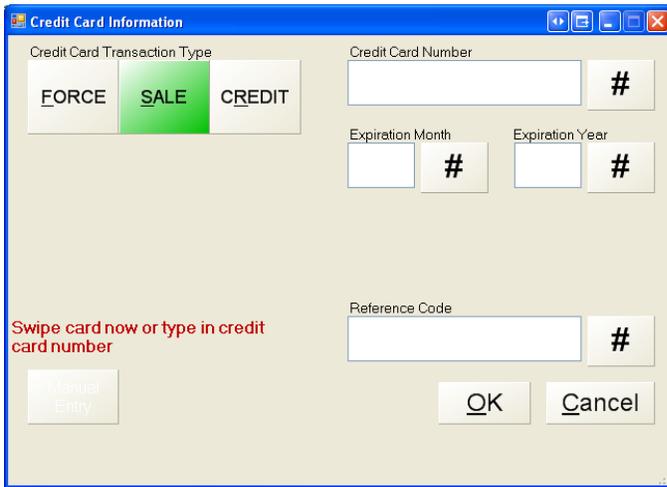


18. While CRE/RPE is displaying **Initializing Moneris Pinpad** the pinpad will show **PLEASE WAIT** (shown left).

Note: The process of Initializing the Moneris Pinpad could take a few minutes, please be patient.



19. When the pinpad displays **WELCOME/BONJOUR** and you are at the invoice screen, your pinpad is ready to be used!



20. Finally, you should login and perform a test transaction to verify that you are able accept credit and debit cards using this processor.

When processing EMV Chip card transactions:

- After adding the items to the invoice select **Pay** then select **Credit/Debit**.
- Select **OK** at the **Credit Card Information** window.
- The pinpad will then prompt you to swipe or insert card. EMV Chip cards will need to be inserted, any other card can be swiped.