CryptoPay Pre-Installation Check List:

Please confirm the following before installing your CryptoPay Credit Card System:

- ☐ Do you have a working wired internet connection at the wash location where you are installing CryptoPay? **Note:** to activate and configure your CryptoPay equipment you must have a working internet connection at the car wash site.

- ☐ Do you have an activated merchant account with WorldPay? If you haven't setup your WorldPay merchant account call: Genesys Sales at 719-277-7400. **Note:** Merchant account activation may take up to 2 weeks. **Note:** to program and configure your CryptoPay equipment you must have an activated merchant account with WorldPay.

- ☐ Have you received your MPM number and password from CryptoPay?
Note: this information will be emailed to you from CryptoPay. **Note:** to program and configure your CryptoPay equipment you must have your MPM number and password.

- ☐ Have you written down the CPY number that is located on the CryptoPay coordinator?
Note: Write down the CPY number labeled on the coordinator and retain number. You will need this for the coordinator configuration discussed later in Step 3 – *Online Configuration*.

- ☐ Have you written down the serial number and location of where you will mount the CryptoPay swipers? **Note:** Write down and retain the 16 digit Swiper ID labeled on the back of the swiper with the intended mounting location (Example: 58d6561ed06471f7-Bay 1). You will need this information for the swiper configuration discussed later in Step 3 – *Online Configuration*.

After confirming the above items move on to the next section of this CryptoPay Quick Start Guide: *Step 1 - Install Coordinator*. **Note:** Your CryptoPay equipment must be activated and configured.

 Note: For additional installation instructions watch the CryptoPay installation videos online at: https://www.getcryptopay.com/index.php?page=videos

STEP 1 – Install Coordinator

Coordinator installation - install the coordinator at the car wash, preferably in the pump room, near an electrical outlet and the internet connection.

Power Cord – plug in the supplied power cord to coordinator and into wall outlet.

Internet Cable – plug in the internet cable to the coordinator and into your router box.

Antenna – attach the supplied antenna to the coordinator.

Run Light – run light flashes indicating you have an internet connection to the coordinator.

Configure Coordinator – coordinator will need configured. N**ote:** Write down the CPY number labeled on the coordinator and retain number. You will need this for the coordinator configuration discussed later in Step 3 – Online Configuration.

Note 1: The radio signals between the coordinator and the swipers can easily travel through non-metal walls, but cannot travel through metal plates or large metal objects like metal walls and roofs, pumps, control boxes, or water tanks.
Note 2: If you are using a Wi-Fi network on your site, be sure to separate the wireless router's antenna from the CryptoPay coordinator's antenna by at least 6 feet. This will prevent radio interference.

STEP 2 – Install Swiper

Swiper installation – mount swiper at Coin Box or Vacuum. Three holes are required – two for mounting screws and one for the power and signal wires to pass through. Swiper **must** be mounted in a vertical position with button at the bottom of the swiper (See Figure 1: Coin Box). Swiper mounting is on page number 6.

Swiper Power Wires – connect 24VAC to the swipers black and yellow wires. Black Wire: 24VAC Common, Yellow Wire: 24VAC Hot. Additional wiring detail is provided on page number 4 of this quick start guide.

Swiper Signal Wires – determine which signal wire to use and hook to your timer. Blue Wire: DC Signal Pulse, Red Wire: AC Signal Pulse. Additional wiring detail is provided on page number 4 of this quick start guide.

Swiper Light Bar – After connecting 24VAC, the light bar on the front of the swiper will light up. If the swiper's LED bar is blinking yellow, then the swiper is in "Out of service" mode. In this mode, the swiper must be configured before use.

Figure 1: Coin Box

Configure Swiper – swiper will be configured in Step 3 – Online Configuration. **Note:** Write down and retain the 16 digit Swiper ID labeled on the back of the swiper with mounting location (58d6561ed06471f7-Bay 1). You will need this information for the swiper configuration discussed later in Step 3 – Online Configuration. Note 1: Be sure that the swiper is mounted with sufficient space above and below the swiper so that a credit card can enter and exit the swiper without hitting any obstacle, such as a wall or box edge that protrudes from the front of a coin box. Note 2: Only one signal wire will be connected – red or blue.

STEP 3 – Online Configuration

Coordinator and Swiper Configuration – the CryptoPay Coordinator and swiper(s) are programmed online. Follow the instructions below to program your equipment. Note: to configure your equipment your coordinator must be connected to the internet and your swiper(s) installed at the wash site.

Online Configuration – Go to www.mycryptopay.com/login and click on the "Create A New Account" link. Fill out the form by entering a user name, email address, and password then click the "Create Account" button when finished (see Figure 2).

Log In – Now that your account has been created, go ahead and click "Log In". Enter your user name and password and click login button. You will see a message saying you haven't added or been delegated to manage any sites yet. Click the "here" link to add your first site.

Adding/Naming the Site – Fill out the form, naming the site as you see fit, selecting your time zone and typing the "CPY" number in the "Site Code" field. The "CPY" number can be found labeled on your Coordinator unit. **Note: The "CPY" number must be entered exactly as printed on the label.** Now Click the Add Site button.

Setup – Once the site has been added you will be returned to the "My Sites" page. Your new site will display a message that it is not yet set up. Click the "Setup" button to proceed to the "Manage Site" page. Note: if you don't see the "Setup" button then your coordinator is not connected to the internet.

In the "Manage Site" page you will see an alert message that your merchant account is not set. In order to set up your account information you will need your "MPM" number and password and this is emailed to you from CryptoPay. Once you have this information click the "Set merchant account information" link and fill out the form including choosing your processor. Now click the "Setup" button. **Note: The "MPM" number and password must be entered correctly – observe case and note special symbols and characters – failure to enter this information correctly will prevent your system from operating correctly. When configuring your CryptoPay system and entering this information we recommend you 'copy' and 'paste' this information into the online configuration fields. This will ensure the information is entered correctly.**

Configure Swipers – You are now at the Manage Site page (see Figure 3). The section labeled 'Site Setup Progress' displays your configuration progress. Your merchant account should now indicate 'Set', your Coordinator Status should indicate 'Connected' and Swipers/Devices Present should indicate 'Yes'.

Your swipers are shipped in an out of service mode and must now be configured. Click the 'Configure' link in the CryptoPay Devices section. Name your swiper (Bay 1, Vacuum 1, Pet Wash, etc). Change the Profile from 'Out of service' to the profile option that matches your timer profile (see figure 3). You will now have additional fields to fill in. Configure your swiper by completing the 'Basic Options', 'Card Options", and 'Button Options' sections. Click the box next to 'Confirm Changes' and then click the 'Apply Changes' button. Note: Configure all your swipers.

Final Testing – Your coordinator and swipers are now configured. Swipe a credit card at the swiper and verify that the timer started and the purchase went through. The LED light bar will go blue for a validate swipe or red for an invalidate swipe. The timer will receive a signal from the swiper and activate the wash/vacuum according to the swiper and timer configurations. **Note:** Ensure that the timer configuration matches the swiper configuration. **Note:** View your recent purchases at: www.mycryptopay.com/login

Figure 2: Create a New Account

Figure 3: Manage Site

Configure Device: cebc4f0a3bf1b384

Basic Options

Name:	Swiper
Profile:	Count Down Coin
Purchase Type:	Wash
Rate:	60 sec/coin

Card Options

Min Charge: 1.00

Min Runtime: 4 minutes, 0 seconds

Max Charge: 15.00

Max Runtime: 60 minutes, 0 seconds

Accept American Express: No

Button Options

Coins per Press: 1

ⓘ Note: It will take a few minutes for these changes to take effect on-site.

Apply Changes   Cancel

Count Down Coin: This option is for all non- Dixmor timers (or older Dixmor timers built before 2005) that do not support advanced functionality. The reader will send pulses to the coin input pin just as a coin mechanism would.

Count Down Card: For Dixmor timers that support advanced functionality with a dedicated credit card input pin. In this mode the reader will send a predetermined minimum credit and the timer will timer down.

Count Up: Dixmor timers that support advanced functionality with a dedicated credit card input pin. Count-up mode allows the customer to run the wash as long as they want, and then stop the wash when they are finished. The swiper keeps track of how many coin pulses are sent to the timer, and charges the customer the correct amount of money for the time used.

Out of Service Mode: The card reader will remain powered on but will not accept card payments. Indicated by a flashing yellow light bar.
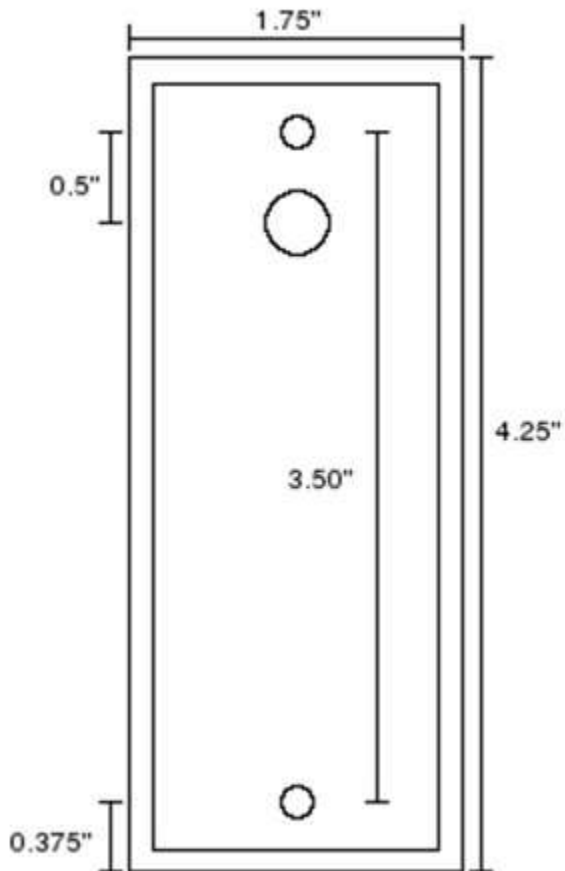
Figure 4: Configure Device

SWIPER WIRING GUIDE

Timer Model	Hookup	Notes
	DC Input Timers	
	** Red/green striped wires are interchangeable	
Dixmor LED5 Dixmor LED6	One Red/green wire to CC input (pin 8) Other Red/green wire to Common (pin 9)	**Firmware on LED5 must support CC input.**
Dixmor LED9	One Red/green wire to CC input (pin 8) Other Red/green wire to Common (pin 6)	**LED9 Menu setting to CC Yes.**
Dixmor LED7 Dixmor DX2002	One Red/green wire to CC input (pin 9) Other Red/green wire to Common (pin 6)	
IDX AT411	One Red/green wire to COIN input (pin 7) Other Red/green wire to Common (pin 8)	
IDX LTT800/ LTT802/ BT912	One Red/green wire to COIN input (P1- pin 3) Other Red/green wire to Common (P1- pin 2)	
Ginsan 24VAC powered	One Red/green wire to COIN input Other Red/green wire to 24VAC hot Black wire to 24VAC common Yellow wire to 24VAC hot	
Ginsan 110VAC powered	One Red/green wire to COIN input Other Red/green wire to 24vac low Black wire to 24VAC hot of transformer Yellow wire to 24VAC common of transformer	**Requires an external transformer for separate 24 VAC power to swiper.**
D&S DS200/201/ 203/204/224	One Red/green wire to COIN input (pin 2) Other Red/green wire to Common (pin 6) Yellow wire to 24VAC hot Black wire to 24VAC common	

	AC Input Timers	
Coleman 1034S Timemaster TM5	One Red/green wire to XCOIN input (pin 2) Other Red/green wire to 24 VAC Hot (pin 10) Yellow wire to 24VAC hot Black wire to 24VAC common	
Dixmor LED5	One Red/green wire to COIN input (pin 2) Other Red/green wire to 24 VAC Hot (pin 10)	**For older code versions that don't support a credit card input, use this connection.**
Ginsan GS-400	One Red/green wire to COIN input (red/green) Other Red/green wire to 24VAC hot (Red wire) Black wire to 24VAC common (Purple wire) Yellow wire to 24VAC hot (Red wire)	

Additional resources are available at: http://www.getcryptopay.com/knowledgebase.php

CryptoPay Swiper Mounting:

Swiper **must** be mounted in a vertical position with button at the bottom of the swiper (See Figure 1: Coin Box). Improper mounting of the swiper may void the 'CryptoPay Manufacturer's Limited Warranty'.

Drill Small Hole: 0.20" (13/64" Bit)

Drill Large Hole: 0.375 (3/8" Bit)

Note: due to different printer properities this image may not print to scale