

How to Install a VP1 with Electric Lock (LITE/PLUS)



1. Before You Go On Site:

- a. Register your VIZpin Smart Device (VP1) on an account
- b. Install the VIZpin SMART app on your phone
- c. Make sure you have a VIZpin Smartkey to the VP1 you are installing
- d. Figure out what voltage your electronic locking device (i.e. electric strike or mag lock) needs to activate.
We strongly recommend using a 12VDC device. That will simplify wiring, avoid mistakes and allow you to back it up with a battery. If it is not a 12 VDC device, the VP1 can only be wired to work with a 12VAC, 24VDC or 24VAC device. If it is something different you will need to add a separate relay. Please contact support@VIZpin.com.
- e. Have a power supply (PS) that is the right voltage (12VDC) and is capable of powering the locking device and the VP1. For example, the VIZpin Smart Device is 12VDC and requires 20mA. If your locking device is 12VDC and requires 500mA, you need a 12VDC PS that is rated for at least 520mA. Any PS rated for 1A (1,000mA) or higher will work.

| | |
|--------------------------|---------------|
| Lock | 500 mA |
| VP1 | + 20 mA |
| <hr/> Total power needed | <hr/> 520 mA |
| PS rating | 1,000 mA (1A) |
| <hr/> Total power needed | <hr/> -520 mA |
| Extra Power | 480 mA |

- f. Know if your locking device is activated when power is applied (i.e. doorstrike – normally open relay) or when power is removed (i.e. maglock – normally closed relay)
- g. In your VIZpin portal, edit the Smart Device settings and select the appropriate relay setting
- h. Connect 12VDC to the VP1 and make sure the LED is gently pulsing red
- i. In the VIZpin SMART app, tap “Open” on your Smartkey to trigger the VP1. The LED may turn purple. If it does, refresh the VIZpin SMART app and use the Smartkey again. Repeat this until the LED turns green

2. Once On Site

- a. Connect the positive (+) wire of the locking device to the VPI yellow wire
- b. Connect the negative (-) wire of the locking device to the negative (-) of the PS
- c. Connect to blue wire on the VPI to the positive (+) side of locking device's PS
- d. Connect the VPI red wire to positive (+) on your +12VDC PS
- e. Connect the VPI black wire to negative (-) on your +12VDC PS

Wiring for a 12VDC Locking Device



Wiring for a 24VAC, 24VDC or 12VAC Locking Device

