

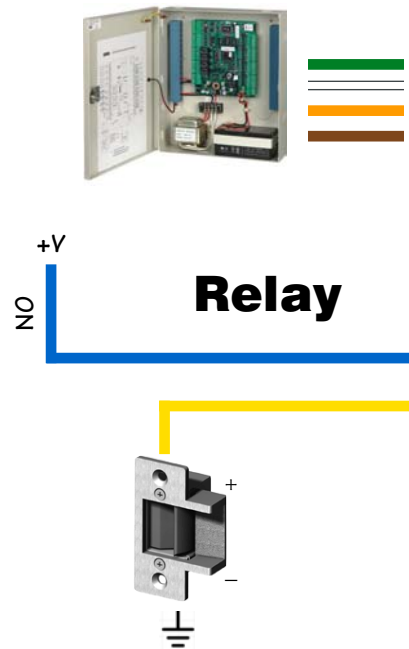


powered by ECKey

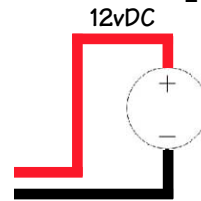
# VP1 Quick Install Guide

For firmware v1.12

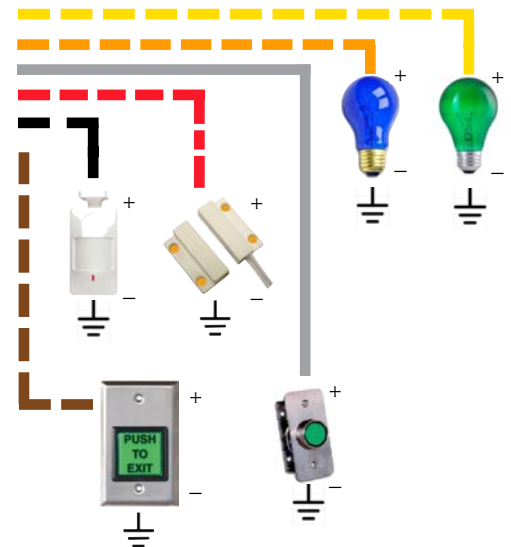
## Wiegand



## Power



## Optional



**MADE IN**  
  
**THE USA**

WIRE	FUNCTION
Red	12vDC (+)
Black	Ground (-)
Yellow	Relay Common
Blue	Relay Normally Open
Green	Wiegand Data 0 (VIZpin vPROX only)
White	Wiegand Data 1 (VIZpin vPROX only)
White/Yellow	Remote User LED
White/Orange	Remote Admin LED
Grey	Remote Admin Button
White/Brown	Request-to-Exit (REX)
White/Black	External Trigger
White/Red	Door Status Sensor
Brown	Red LED Control
Orange	Green LED Control

The VP1 is configured to be used with VIZpin LITE, our free cloud based access control system. To get started:

1. Install your VP1 using the wiring diagram below
2. Register your VP1 at <https://www.vizpin.net/vizpinlite/register>
3. Download and register the **VIZpin Smart** app on your Android® or iPhone®

For complete instructions, go to:

<http://www.VIZpin.com/products/VIZpinLITE>. Instructions for configuring the VP1 for other VIZpin account types are on the back page. ECKey can configure your VP1 for other VIZpin account types for a nominal fee, for more information contact [orders@ECKey.com](mailto:orders@ECKey.com) or +1 717-327-4244.



# VP1 Installation Guide

## Installation

1. Record serial number and security code from box or backplate.
2. Remove setscrew from bottom of VP1.
3. Route wires from VP1 through hole at pre-determined mounting location.
4. Connect the reader according to the wiring chart above.

**All unused wires should be snipped and/or capped during installation.**

5. Secure the VP1's backplate to mounting surface using appropriate mounting hardware.
6. Reassemble VP1 with backplate and replace setscrew.
7. After power supply is connected, press the admin button momentarily to wake the VP1. A pulsing red status light will be displayed.

• Use the same Earth ground for all components. If powering another device (i.e. door strike) through the relay, make sure the power supply is rated for the VP1 and the device or the VP1 will not operate properly.

• When practical, mount the unit in a secure, protected environment and always have an alternate access method, like a key, in case of a power failure.

• Building materials may limit the VP1's range

## Configuring VP1 for Other VIZpin Account Types

1. Login to <http://VIZpin.net> with your Partner credentials.  
*\*To become a VIZpin Partner, contact ECKey Sales (+1 717 327 4244 or [orders@eckey.com](mailto:orders@eckey.com)).*
2. Add the VP1 to the appropriate account, ensuring the serial number matches the VP1.
3. From the VIZpin reader table, click and save the config file for this VP1. **Note: This config file will change the Master PIN – click the VP1 link under the Type column to view the new PIN.**
4. Download and install the VP1 Config Software from <http://eckey.com/downloads/vp1config/setup.exe>.
5. Use the VP1 Config Software to apply the settings file from Step 3; this will require you to connect to the VP1 over Bluetooth.

You can watch the video for this procedure at <https://youtu.be/x3WyoNN2YQs>

## Issuing VIZpins

1. Download the latest VIZpin SMART app from the Google Play Store or iTunes App Store.
  - a. New VIZpin users must register their app.
  - b. Existing users should LOGIN using their existing credentials.

**Carefully read and follow all pop-up messages. Failure to do so could result in account lockout or failing VIZpins.**

2. The Site Manager can now look-up anyone who has successfully registered their VIZpin SMART app and send them VIZpin keys for their VP1 in minutes.

## Triggering the VP1 Reader

1. Launch and login to the VIZpin Smart app.
2. Locate the VIZpin key for the appropriate VP1.
3. Tap the green key icon to trigger it. If the key is faded, there is no reader in range.
4. When triggered, the VP1 will activate (relay or Wiegand) according to its current settings (see defaults below).

<b>Voltage (input)</b>	12vDC
<b>Current (input)</b>	20mA avg., 50mA peak
<b>Cabling</b>	Up to 500', min. 22 AWG with overall shield.
<b>Operating temp.</b>	-40° F to 185° F
<b>Output - (Solid State N.O. Relay)</b>	750mA @ 12/24v DC/AC
<b>Read distance</b>	Device controlled; up to 30'
<b>Compatible devices</b>	Bluetooth Low-Energy enabled iPhones and Android devices w/VIZpin Smart app
<b>IP/NEMA Rating</b>	IP64
<b>Certifications/Approvals</b>	FCC & CE

FUNCTION	VP1 DEFAULT VALUE
VIZpin Account Type	VIZpin LITE
Relay Operation	Unlock for 5 seconds
Buzzer	On for 1 second
User PIN	VIZpin-generated
Manager PIN	12345678

See <http://ECKey.com> and <http://VIZpin.com> for additional details, guides and videos on the VP1.

