Door/Gate Controller Installation Guide

1. Before You Go On Site:

a. Ensure the your Entegrity Smart Device is registered on an account and you have a smartkey to it.

b. Install the VIZpin Smart app on your phone.

c. 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 Door/Gate Controller 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@EntegritySmart.com.

d. Have a power supply (PS) that is the right voltage (12VDC) and is capable of powering the locking device and the Door/Gate Controller. For example, the Entegrity 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
Door/Gate Controller	+ 20 mA
Total Power Needed	520 mA
PS Rating	1,000 mA (1A)
Total Power Needed	-520 mA
Extra Power	480 mA

e. 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).

f. In your Account portal, edit the Smart Device settings and select the appropriate relay setting.

g. Connect 12VDC to the Door/Gate Controller and make sure the LED is gently pulsing red.

h. In the VIZpin Smart app, tap "Open" on your Smartkey to trigger the Smart Device. 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 Door/Gate Controller yellow wire.

b. Connect the negative (-) wire of the locking device to the negative (-) of the PS.

c. Connect to blue wire on the Door/Gate Controller to the positive (+) side of locking device's PS.

d. Connect the Door/Gate Controller red wire to positive (+) on your +12VDC PS.

e. Connect the Door/Gate Controller black wire to negative (-) on your +12VDC PS.

Wiring for a 12VDC Locking Device

Red

750 mA max - Yellow

+
12VDC
Power
Supply
-

750 mA max - Blue

vizpin

+
12VDC
Locking
Device
-

Black

Black

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

Red

750 mA max - Blue

750 mA max - Yellow

+
12VDC
Power
Supply
-

vizpin

+
24VAC,
24VDC or
12VAC
Locking
Device
-

+
24VAC,
24VDC or
12VAC
Power
Supply
-

Black

Black

Access Control & Visitor Management for Your Entire Property

EntegritySmart.com