

POP ID

Installation Manual

Document Summary

Overview of Pop Entry provisioning and installation steps

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April 2020 – Draft V1

PopID

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Table of Contents

Pop Entry+	2
Installation Steps	2
Power	2
Internet	3
Installing the Pop Entry Device	3
Mounting	3
Wiring Diagrams	4
Standalone Installation	4
Single Power Source	4
Duel Power Source	5
Fail Safe	6
Installation Checklist	6

Installation Document

Pop Entry+

Pop Entry+ is a device capable of processing a temperature check of an individual; Performing facial recognition on that same individual and unlocking a door when directed.

This purpose of this document is to give an overview of how to install the Pop Entry+ device and get it ready for operations.

Installation Steps

The following section will describe the steps to be followed to install a device so that it is ready for use as a standalone unit.

1. Remove wall mount from packaging box with mounting hardware and set aside
2. Remove PopEntry+ device from box and set aside
3. Lift flap and remove wiring harness and plug in transformer and set aside
4. Take wall mount from step 1 and determine location on the wall; recommended mount point is 4'-5'
5. Plug the wire harness into the back of the popEntry+ device



6. Attach the mounting plate to the back of the PopEntry+ device using the 4 provided machine screws
7. Feed the wires from the mounting harness through the mounting plate
8. Attach the mounting plate to the mount on the wall and secure with the 2 screws at the bottom of the mount.
9. Plug the lead from the plug-in transformer into the appropriate wire lead from the wire harness and plug the other end into a wall outlet
10. The device should power up and display the "home screen"
11. Swipe up and go into settings and connect the device to the wi-fi
12. Tap the "Entry" icon to start the PopEntry+ application

Power

Pop Entry+ is powered from a 12Vdc power source. The device is shipped with a 120vac to 12vdc plug in transformer can be used to power the device. The device can also be powered by any 12vdc plug in transformer or access control power supply that supports a battery backup and outputs 12vdc. It is recommended to use 18-gauge wire from the power source to the Pop Entry device when not using the plug in transformer and wire harness that is shipped with the device. It is recommended that you follow the manufacturers technical specifications for the electronic hardware that is being installed/utilized.

PopID Installation Manual

Internet

The Pop Entry+ device requires internet connectivity to operate. Once powered up the device can be connected to a wi-fi network via the systems connectivity settings or, alternatively, it can be hard wired by running a Cat5 or Cat6 from the device and plugging it into a router.

Installing the Pop Entry Device

Mounting

The Pop Entry device can be mounted on any wall or desktop. The device ships with a wall mount and a desktop mount can be ordered separately. The following is the mounting bracket that is delivered with the device:



Remove the 2 screws at the bottom of the mount and separate the 2 parts. Mount the back plate on the wall and attach the mounting plate to the PopEntry+ device.

PopID Installation Manual

There are 2 different installations for the Pop Entry device:

1. Standalone requiring only power
2. Integrated with an electronic door locking mechanism so it can electronically release the door lock

When installing in the standalone mode only power and internet needs to be provided to the device. When the device is integrated with an electronic door lock there are a few options on how to wire the system depending on the type of electronic lock and the locks power requirements.

The device comes shipped with a wire harness that provides all the required outputs to connect the device to power, internet and any door lock requirements.

The door control adapter has 15 pins and 4 leads: Grey = NC, Green = NO, Yellow = Com and White = PUSH:

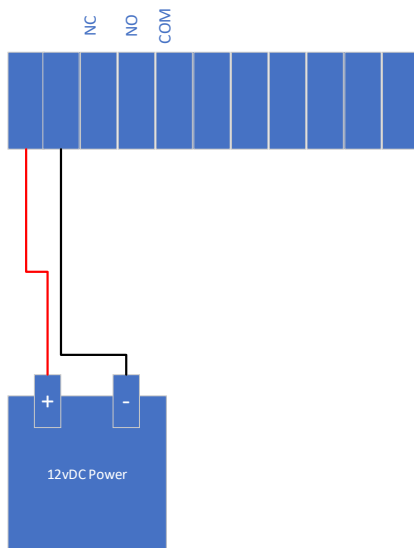
When connecting Pop Entry to a door you will use either Grey (NC) or Green (NO) and Yellow (Com). Pop Entry does not use the White wire lead.

Note: Do not plug in the power until the unit is fully wired and mounted as the device will power up as soon as you plug power in.

Wiring Diagrams

Standalone Installation

When installing the Pop Entry device in a stand-alone environment the only thing it needs to be wired to is power.

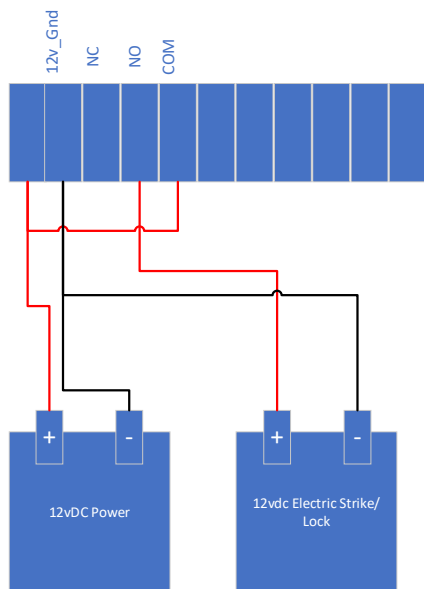


Single Power Source

When installing the Pop Entry device in an integrated mode with an electric strike/lock that also runs on 12vdc it is possible to utilize a single power source to provide power to both devices. In this scenario it is important to ensure

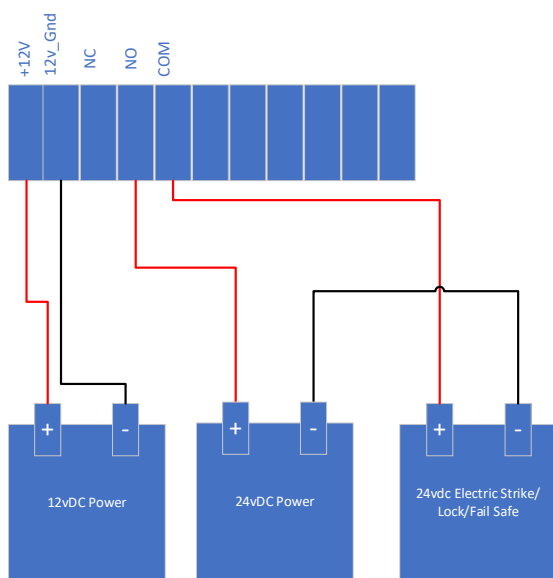
PopID Installation Manual

your properly account for the amperage required to power both devices.



Dual Power Source

When installing the Pop Entry device in an integrated mode with an electric lock/strike that requires 24vdc or when adding into an existing access control system and the using a single power source is not practical it then it is possible to use the Pop Entry device as dry contacts to simply control the electric lock.



Fail Safe

If you are integrating Pop Entry with a fail safe type device (such as a Magnetic Lock) then you use the same wiring diagrams as above only move the Normally Open connection to the Normally Closed port.

Installation Checklist

1. System powers up
2. Turn off lights (settings/Display/led) slide bar all the way left
3. Verify camera orientation setting is set to 0 (camera – swipe right – settings – Resolution & Quality & Orientation – Front Camera Orientation = 0)
4. Configure Wi-Fi if the system is connecting via Wi-Fi or check IP settings for IP address if hard wired via Cat6 cable to ensure the device has an internet connection
5. Open the “Pop Entry” application and grant all device access requested, if prompted