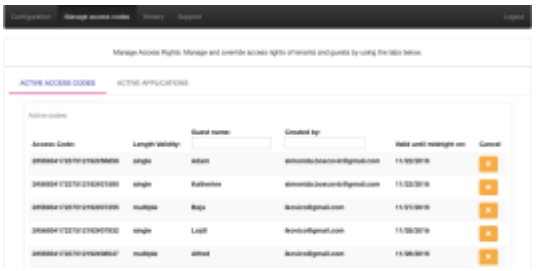
SMART ACCESS GUIDE

Door Controller + App (iOS & Android) + Cloud Management Portal



The door controller is a piece of IoT hardware that works with VizLore's cloud platform to unlock the door using a secure application. Locally, it emits a low energy Bluetooth signal that syncs with the smart access app.

Requirements

- Electric strike or magnetic lock
- Universal power supply
- Internet supply: either fixed Ethernet connection or WiFi

How is it installed?

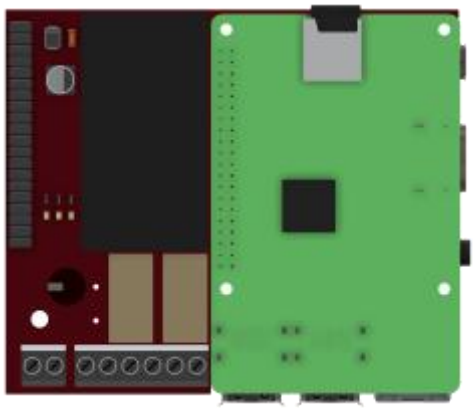
The smart access controller sits above the door and connects to a power supply and to the electric strike by way of a 3-pin connector cable. Once you hook it up to the internet it connects to the cloud and formats itself according to your specifications.

Who installs it?

An experienced electrician will complete the job easily. We have a network of installation partners who can install it for you or you can use your own trusted electrician who already manages the electric door and is familiar with its set-up.

The VizLore Smart Access door controllers includes the following functional modules:

- ✓ Raspberry Pi
- ✓ Smart Relays
- ✓ Low energy Bluetooth
- ✓ CAT5 or CAT6 Ethernet port
- ✓ WiFi meshing (optional)
- ✓ HDMI port
- ✓ Universal input (85~264 Vac / 100~370 Vdc) or PoE 802.3af PoE - 37.0–57.0 VDC input voltage range



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INTEGRATED CONTROLLER

DOOR CONTROLLER SPECIFICATIONS

The common door controller is a heavyweight hitter able to handle the ins and outs of busy areas such as building lobbies, garages or entry gates. It manages several hundred unique access codes for virtual key access on the accompanying smartphone app and sends information to the cloud to create real-time event logs and authorization parameters on the management portal.

Dimensions and voltage

- 107mm x 90mm x 58mm (WxHxD)
- universal input (85~264 Vac/100~370 Vdc)
- Ports: 4 x USB 2.0; HDMI; Ethernet

Installation

- Needs Ethernet cable or WiFi
- Needs universal power supply
- 1 x 2-pin terminal connector for power supply
- 1 x 3-pin terminal connectors between relay to strike
- DIN EN50022 Rail mountable
- Over the air updates

Features

- Bluetooth Low Energy
- Door authorization level management
- Access event tracking
- Virtual key creation and management

The door controller can be combined with a digital directory and/or IP camera for additional intercom services.

Each controller can be used as a gateway device to gather data from and manage off-site devices that use the following: Wi-Fi, BTLE, and EnOcean.

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SINGLE DOOR CONTROLLER

DOOR CONTROLLER SPECIFICATIONS

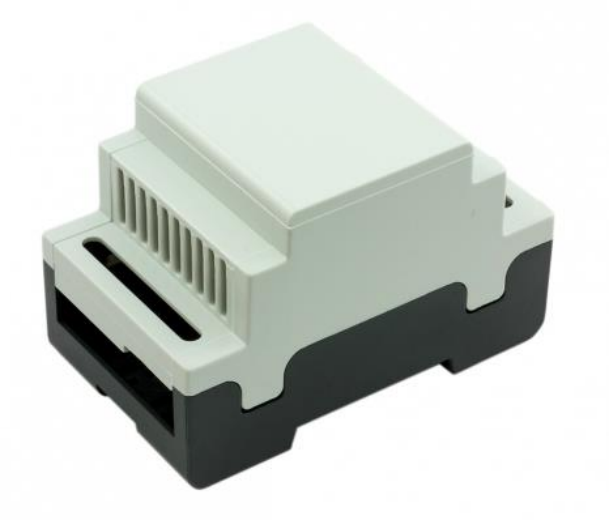
The single door controller is a small, discreet device that enables secure access at the level of an individual door. It is perfect for apartment doors, office doors, or storage units. It keeps units secure with a unique, private identifier for each authorized entry with the accompanying smartphone app and sends information to the cloud to create real-time event logs and authorization parameters on the management portal.

Dimensions and voltage

- 53.5mm x 90mm x 58mm (WxHxD)
- 802.3AF PoE standard : 37.0–57.0 VDC input voltage range
- Ports: Ethernet, micro USB, mini HDMI, MIPI Camera serial interface

Installation

- PoE (power over Ethernet: requires PoE switch)
- 1 x 3-pin terminal connectors between relay to strike
- DIN EN50022 Rail mount
- Over the air updates



Features

- Bluetooth Low Energy
- Door authorization level management
- Access event tracking
- Virtual key creation and management

Each controller can also be used as a gateway device to detect proximity, presence or manage Zigbee and EnOcean devices.

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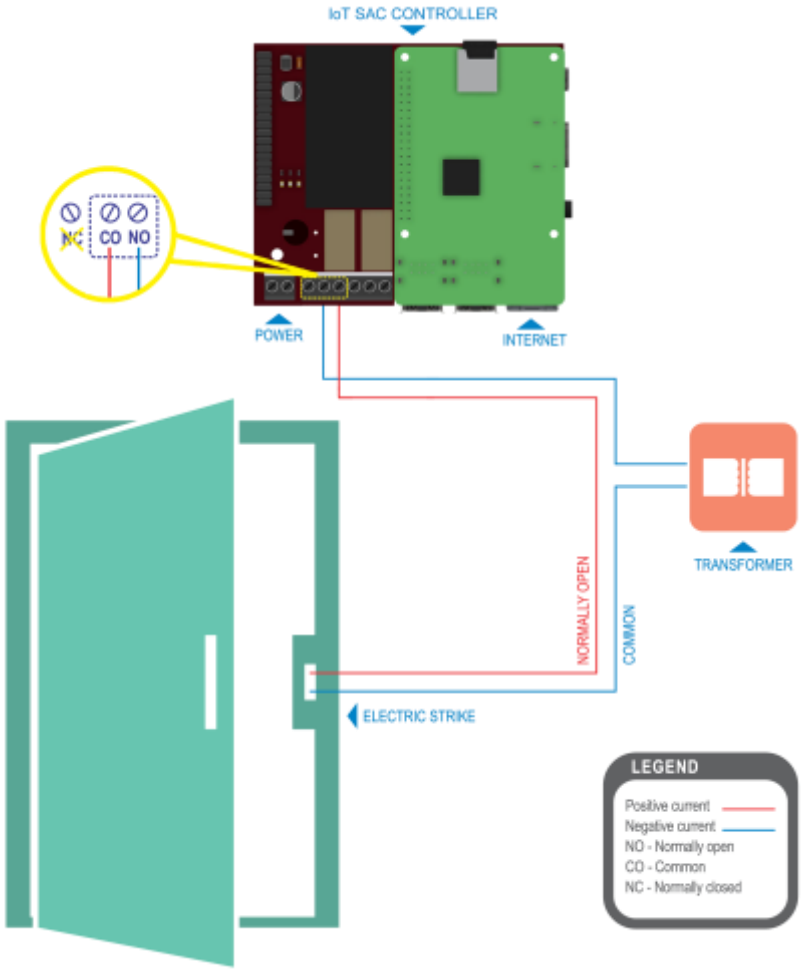
Door Controller Installation

STAND-ALONE INSTALLATION

The door controller works on DC circuit systems and is compatible with any type of electric lock. The door controller can be used as a stand-alone device to control the operation of the electric strike door.

Connect 3-pin terminal connector cables from the relay ports according to the diagram:

- The Normally Open port to the electric strike.
- The Common port to the transformer.



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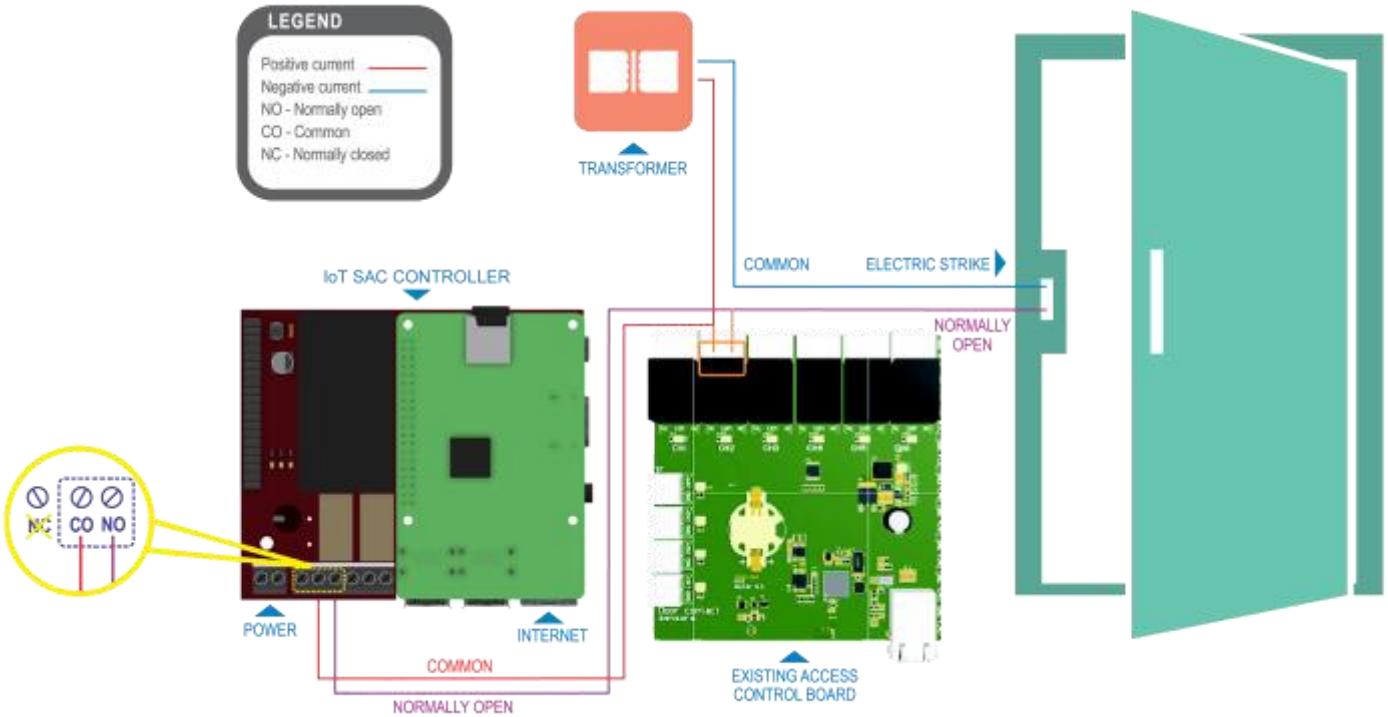
EXISTING DOOR ACCESS INSTALLATION

The door controller can work alongside an existing access control system to control the operation of the electric strike door. The two access controllers must be decoupled from one another in order to work in parallel.

Connect 3-pin terminal connector cables from the relay ports according to the diagram

- The Normally Open port to the Normally Open port in the existing access control board.
- The Common port to the Common port in the existing access control board.



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