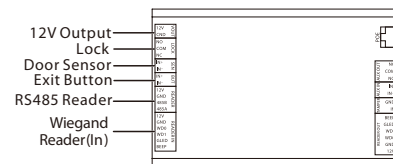
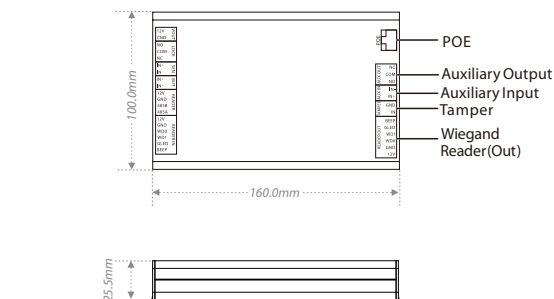


# Quick Start Guide

AC02-EX0101H-P01

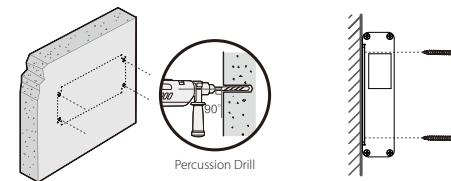
Version: 1.0

## 1. Product Overview



## 2. Device Installation

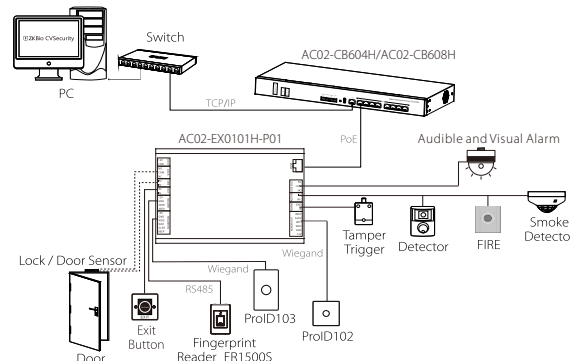
### Install on the wall with screws



1. Drill four mounting holes at suitable locations on the wall.

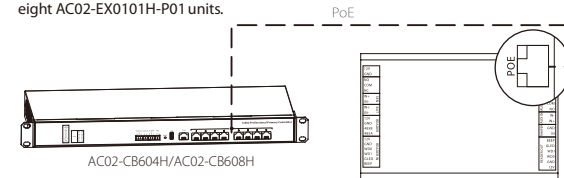
2. Secure the device on the wall with the wall mounting screws.

## 3. Configuration



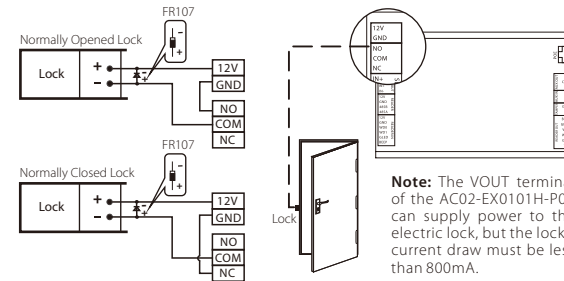
## 4. Controller Connection

The AC02-EX0101H-P01 is connected to the AC02-CB604H/AC02-CB608H via PoE. AC02-CB604H can connect to four AC02-EX0101H-P01 units, AC02-CB608H can connect to eight AC02-EX0101H-P01 units.



## 5. Lock Connection

- The system supports both Normally Opened Lock and Normally Closed Lock. The NO Lock (normally opened when powered) is connected with 'NO' and 'COM' terminals, and the NC Lock (normally closed when powered) is connected with 'NC' and 'COM' terminals.
- In order to prevent the electric lock from generating self-induced electromotive force on the access control system at the moment of switching, it is necessary to connect a diode in parallel with the electric lock (please use the FR107 supplied with the system) to release the self-induced electromotive force during the wiring of the field application of the access control system.

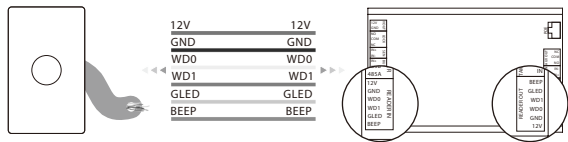


**Note:** The VOUT terminal of the AC02-EX0101H-P01 can supply power to the electric lock, but the lock's current draw must be less than 800mA.

## 6. Reader Connection

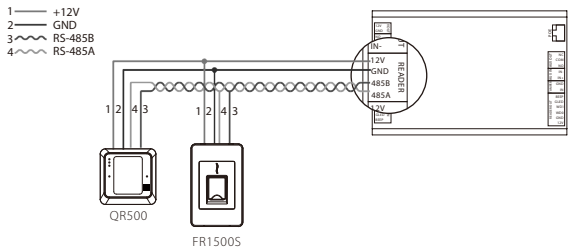
### ❖ Wiegand Reader

One AC02-EX0101H-P01 has two Wiegand reader interfaces, up to two Wiegand readers can be connected, and single door bidirectional can be set up.



### ❖ RS485 Reader

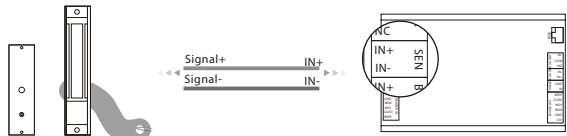
Up to two RS485 readers can be connected to one AC02-EX0101H-P01. The RS485 address should be set as 1 and 2. For the In/Out of the readers, it can be set on the ZKBio CVSecurity software according to actual needs.



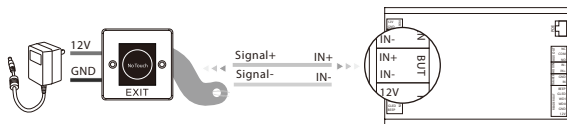
**Note:** When AC02-EX0101H-P01 is not connected to the controller's POE port which is set as Master-slave mode or AC02-EX0101H-P01 is in factory default state without prior controller connection, validating any card, password, fingerprint, or QR code on externally connected readers will successfully unlock the door lock for 5 seconds, no access records will be saved.

## 7. Sensor, Exit Button and Tamper Switch Connection

### ❖ Sensor

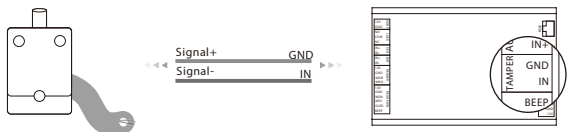


### ❖ Exit Button



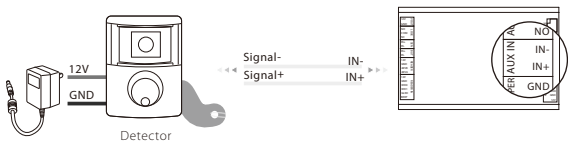
### ❖ Tamper Switch

The tamper signal of the AC02-EX0101H-P01 is connected to the tamper switch of the cabinet.



## 8. Auxiliary Input Connection

The AC02-EX0101H-P01 provides 1 auxiliary input port for connecting infrared body sensing detectors or smoke detectors etc.



## 9. Auxiliary Output Connection

The AC02-EX0101H-P01 provides 1 auxiliary output connector for connecting an audible and visual alarm.

