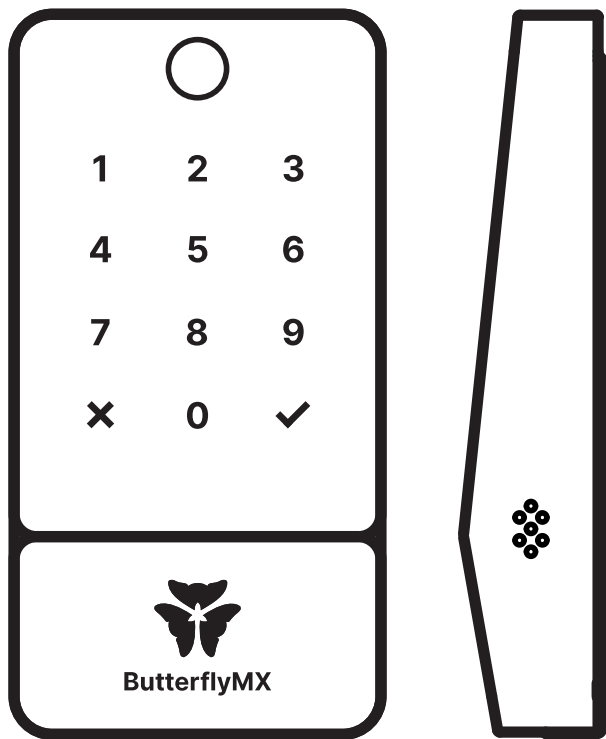




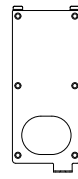
# Keypad Installation Guide



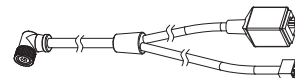
## Packing List



Keypad



Keypad Backplate



PoE & REX Y-connector

### Installation kit:

- x1 security screw
- x1 screwdriver
- x6 anchors
- x6 M3 screws
- x1 level

### ButterflyMX does not provide:

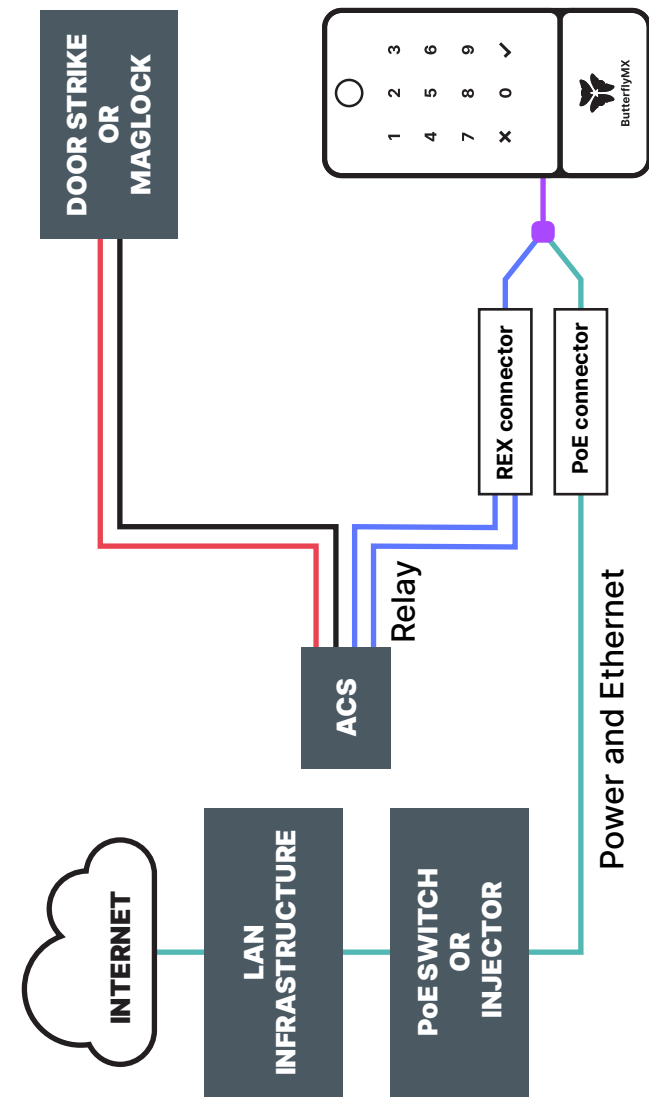
- Networking & low voltage cabling, REX line
- Power over Ethernet (PoE) switch or injector
- Diode or resistor for direct control applications

## Installation Instructions

1. Scan QR code on the back of the keypad and provide required information. If you do not have access to a smartphone, locate and record the keypad serial number:

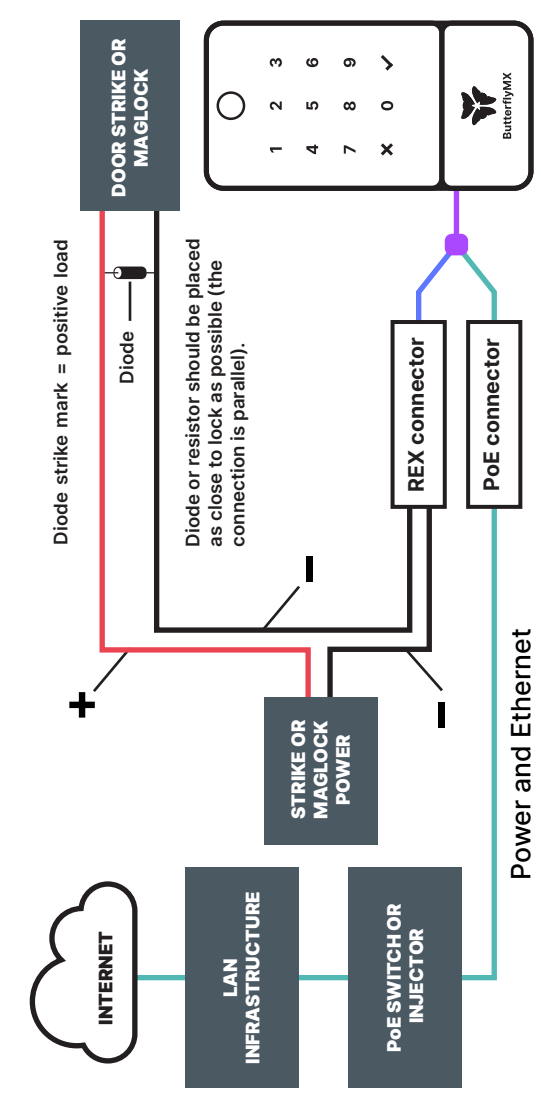
2. Ensure minimum wiring specs are met:
  - PoE: Cat5e/6 shorter than 300 feet to router/switch, RJ45 termination
  - REX: 18/2 AWG stranded or equivalent
3. Depending on the surface you're mounting the keypad on and how the PoE and REX cables exit the wall, prepare the surface using the backplate for drilling guidance.
4. Install the keypad backplate with provided screws or fasteners.
5. Ensure the PoE & REX Y-connector is secured to the keypad. Connect PoE and REX cables to the keypad.
6. Mount the keypad to the backplate. Use provided security screwdriver to lock Keypad to the backplate.
7. Call ButterflyMX support and provide serial number recorded above.

## ACS Wiring Diagram

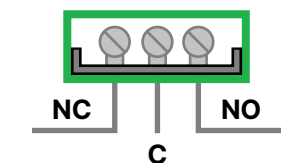


For direct lock control: in order to prevent inductive kickback voltage, a diode is required for DC powered locks and a resistor is required for AC powered locks.  
 Diode: 1N4004 1 AMP 400 VOLT  
 Resistor: 370K

## Direct Lock Wiring Diagram



## RELAY CABLE PINOUT



Need help?  
 Use our troubleshooting guide.  
[www.butterflymx.com/keypad/troubleshooting](http://www.butterflymx.com/keypad/troubleshooting)



## Support

Mon-Fri, 6am-10pm EST  
 (571) 480-6579 ext. 2  
[support@butterflymx.com](mailto:support@butterflymx.com)  
[www.butterflymx.com/keypad](http://www.butterflymx.com/keypad)

# Keypad

by ButterflyMX

