

# Wiring Handbook for Controller

IoT Controller 1.0.0



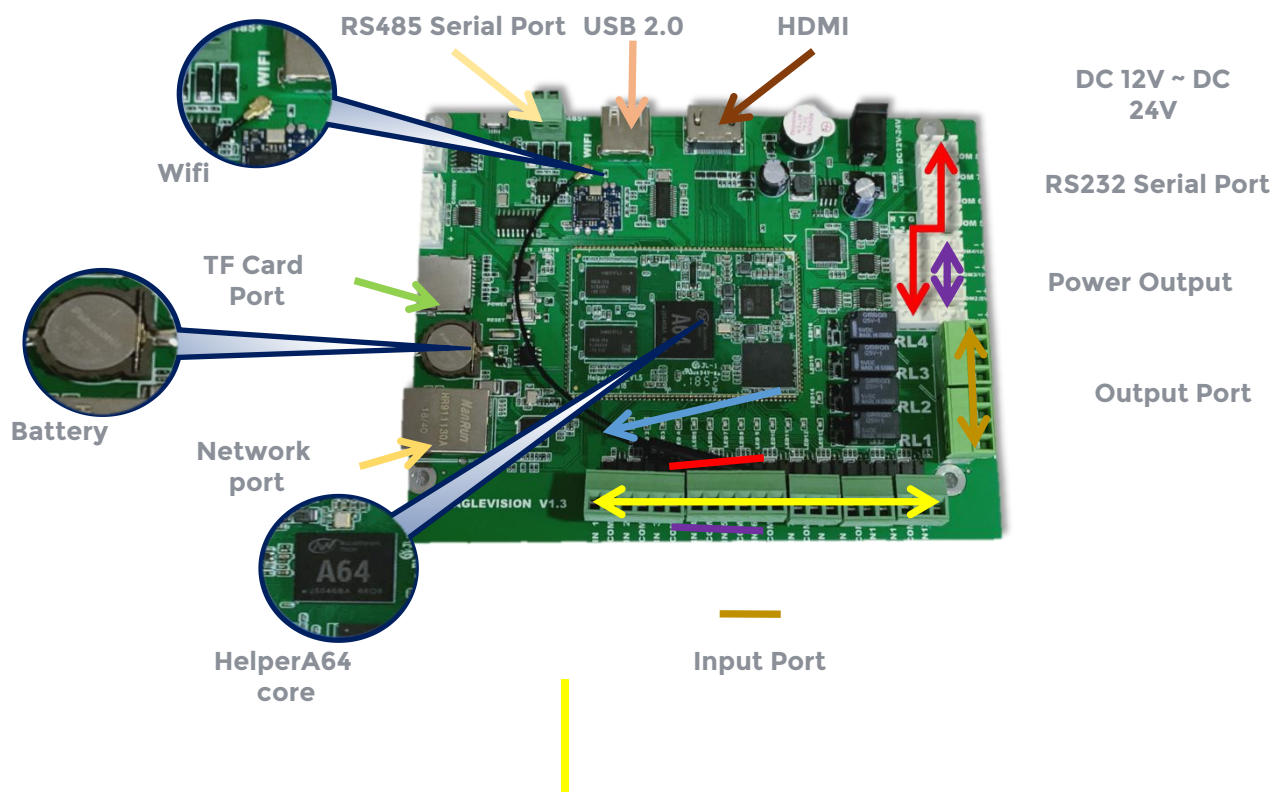
# **Contents**

- **Introduction**
- **What You'll Need**
- **What's in the Box**
- **Mounting the Controller**
- **Controller Components**
- **Activating the Controller**
- **Wiring the System - Overview**
- **How to Wire Your Doors**
- **Support**

# IOT Board Specification

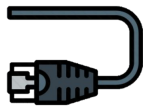
General	
Power Supply	DC 12V ~ 24V
CPU / Memory	Quad-core A64, 64-bit @1.1GHz / 1G
Storage	8G EMMC
Dimensions	151 X 116 X 187
Battery	CR1220 3V
Input / Output	
USB 2.0 X1	1.5Mbps Or 2.0Mbps
Power Output X4	DC5V X2 / DC12V X2
Output Port X4	OMRON Relay 1.0A 30VDC/ 0.5A 125VAC
Input Port X12	DC 3.3V
Serial Port X9	RS232 X 8/ RS485 X1
2.4G Wifi	YES
Buzzer	YES
TF card port	YES
Ethernet port	10/100Mbps
HDMI	1080 X 720p





# What You'll Need

1. Phillips and Small Flathead Screwdrivers
2. Wire Cutters
3. Low Voltage Cables (e.g. 18 Gauge)
4. Ethernet Cables (CAT6)
5. Wire Connectors
6. Working Internet Connection (Ethernet or WiFi)

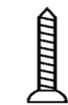


**What's in the Box**

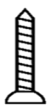
**Iot Controller 1.1**



**240V Universal Power Adapter**

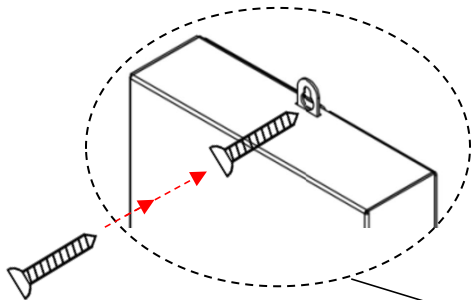


1 Screw

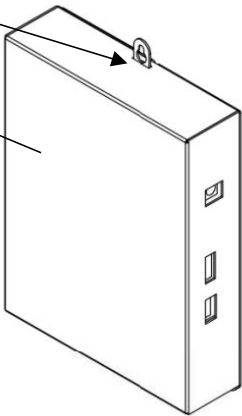


# Mounting the lot Controller 1.1

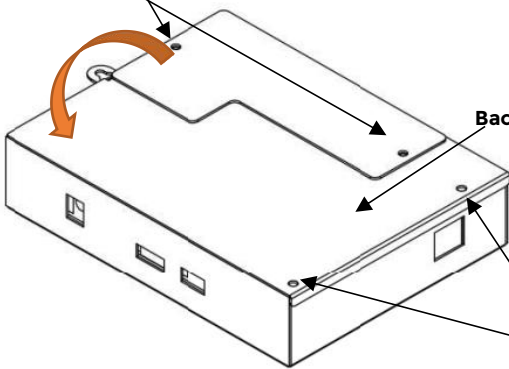
Using 1 screw to mount the lot Controller.



Front Side

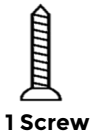


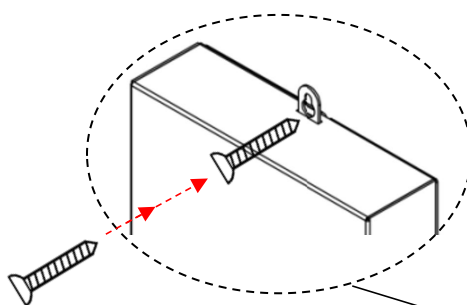
2 M3 Screws open the cover



Back Side

2 M3 Screws  
open the cover





Front Side

2 M3 Screws open the cover

Back Side

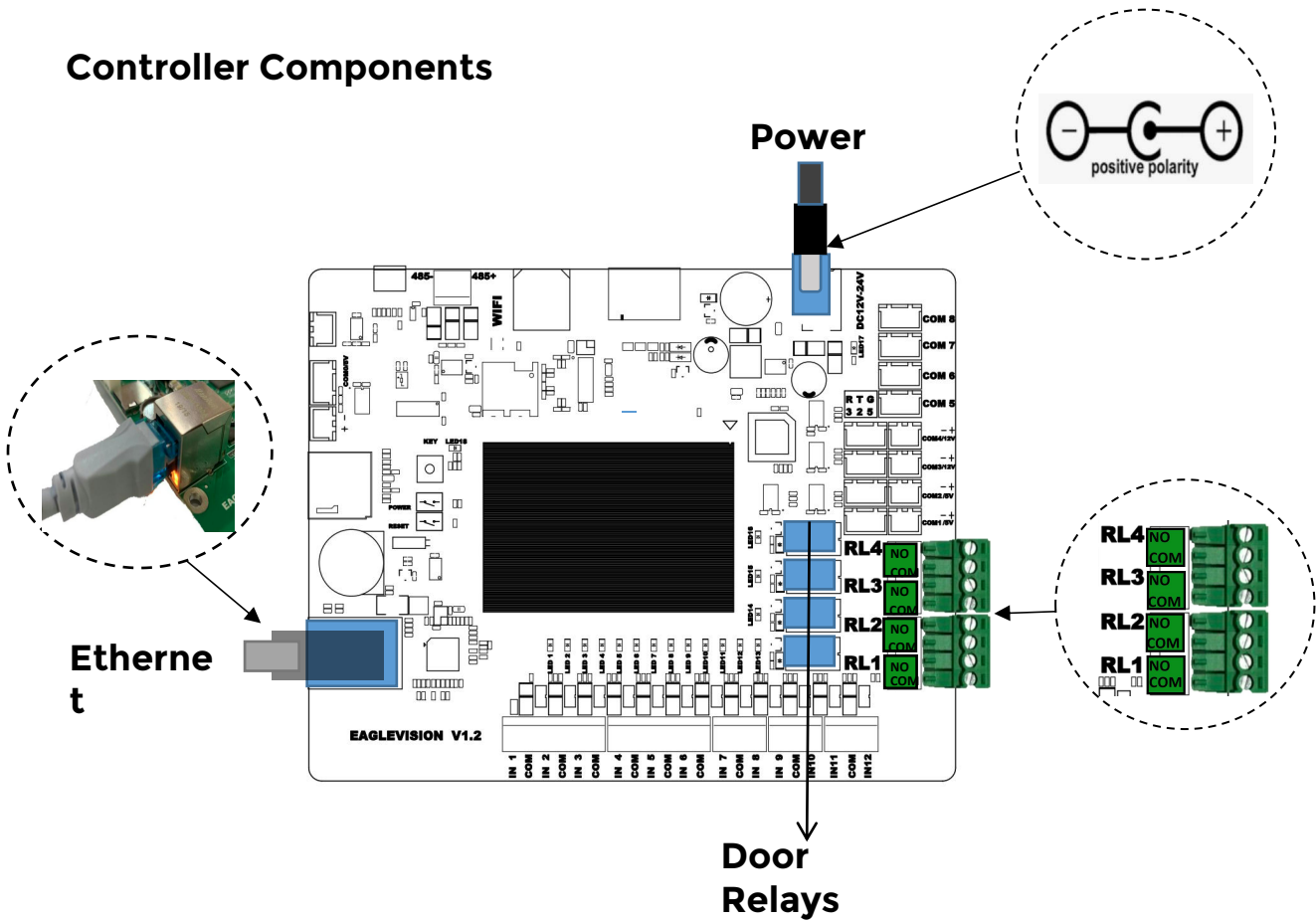
2 M3 Screws  
open the cover

1 Screw

2 M3 Screws



Controller Components

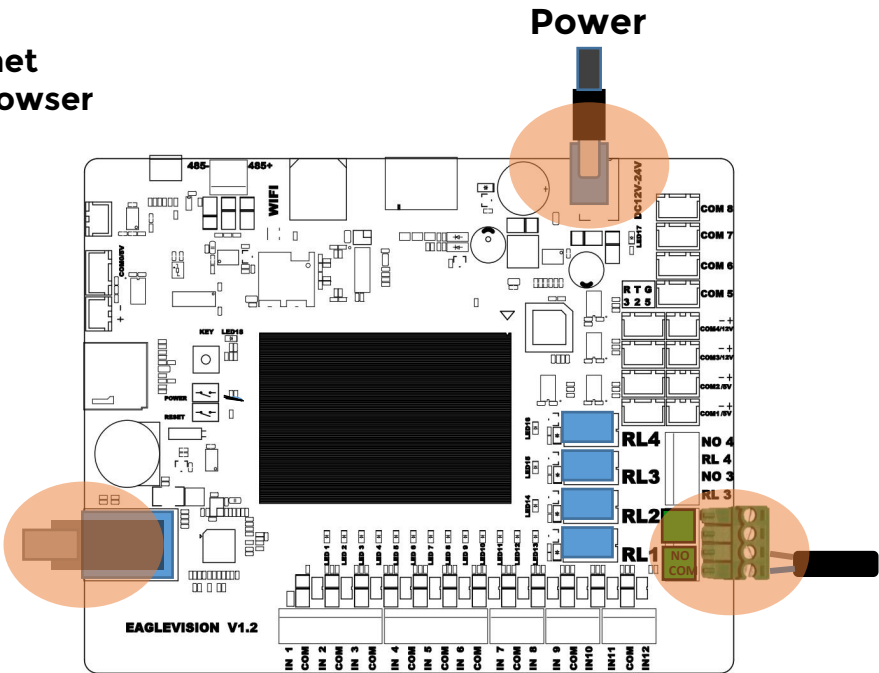


# Activating the Controller

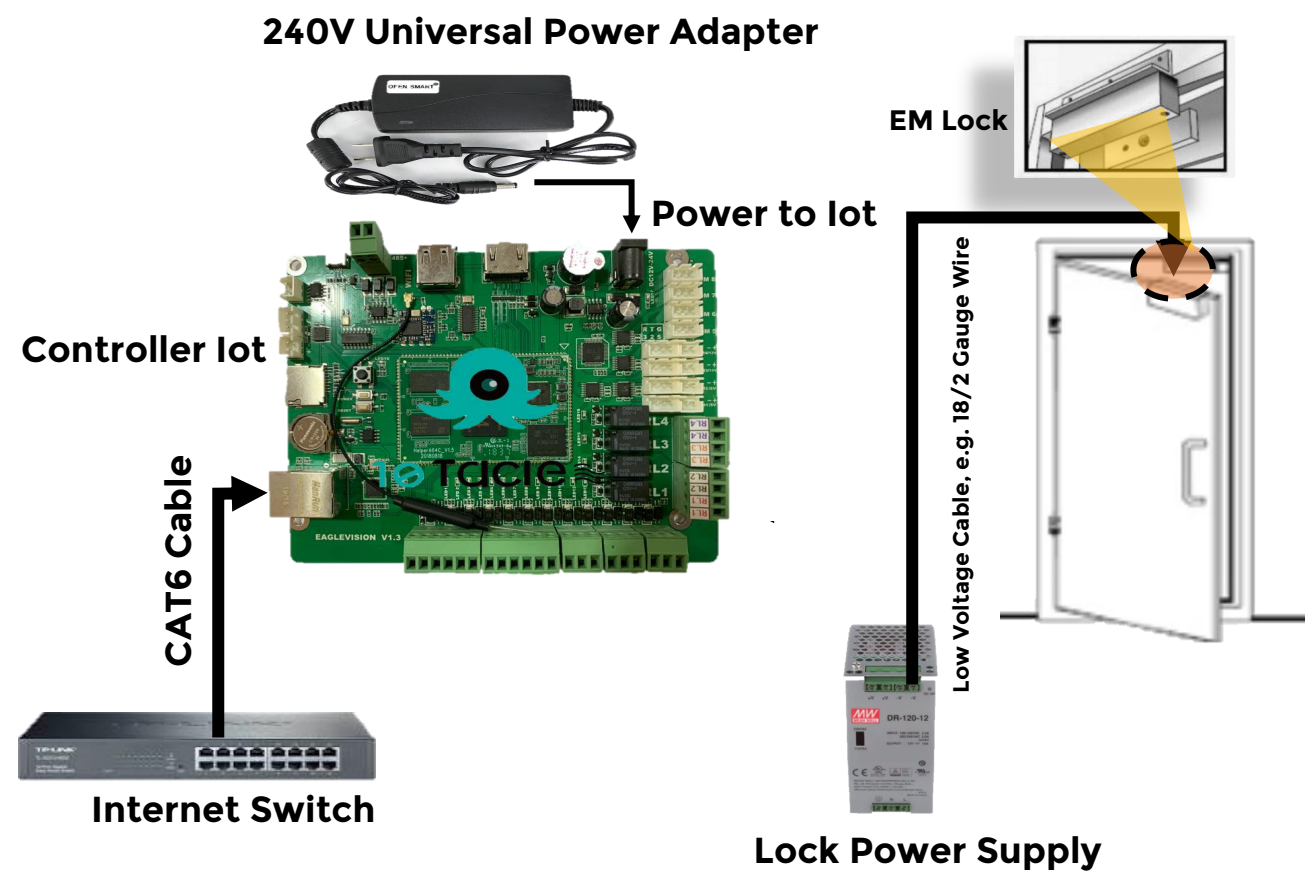
- Power Up
- Connect To Internet
- Set Up By Web Browser

\* If you are connecting via WiFi, instead of Ethernet, go to help [www.10tacle.io](http://www.10tacle.io) for further instructions.

Ethernet

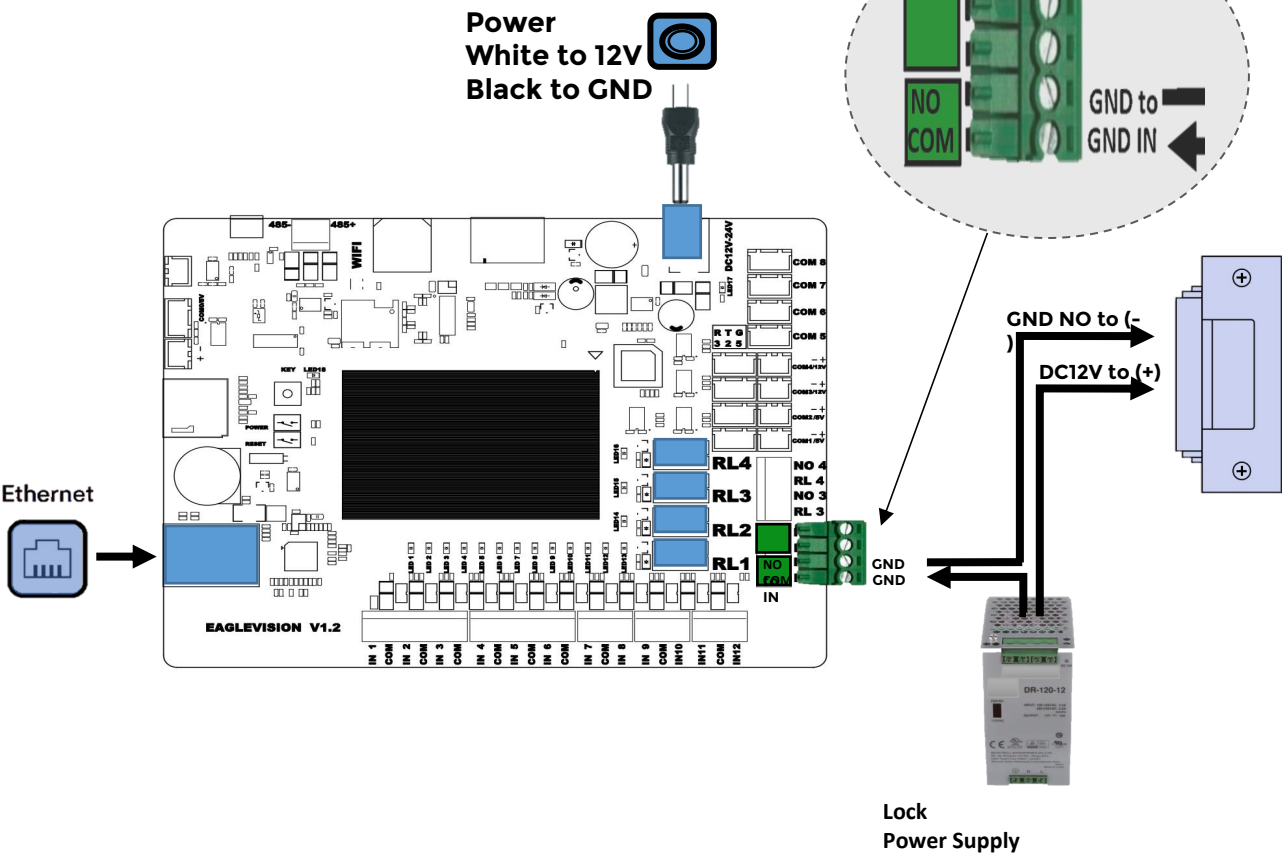


Wiring the System  
Overview With External Power Supply



# External Power Supply & Fail Secure Electric

## Wet Contact



## Support

Thanks for purchasing the  
10Tacle IOT Controller 1.0

If things aren't working correctly or you need  
assistance, please contact us immediately.

Sincerely, The 10Tacle Krew

Email: [support@10tacle.io](mailto:support@10tacle.io)

Website: <https://www.10tacle.io>

Tel : +65 [8926 4421](tel:89264421)

