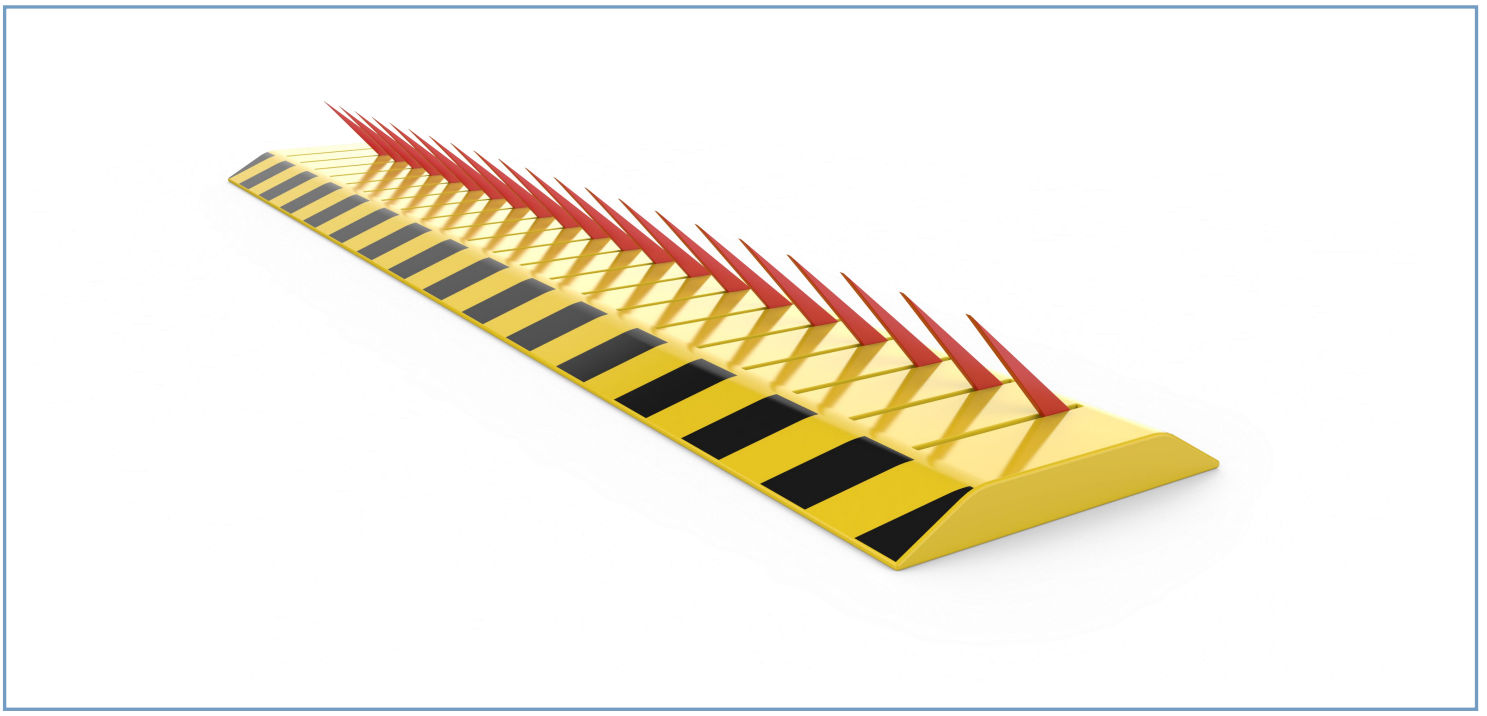
# Buried-free Tire Killer
# User Manual



# Content

# Parameters

## Components:

1. Scope of application Safety protection at intersections in key areas

2. Overall material A3 all-steel production

3. Surface treatment, spray paint and reflective paper

4. Protection grade IP67

5. The designated color is black and yellow

6. Equipment length (intercept width) can be customized

7. Equipment width Width: 520mm

8. The height of protruding ground 70～90mm

9. The maximum load-bearing weight is 100 tons

10.Height of broken tire blade 120mm

11.Blade thickness of broken tire 10mm

12. Movement form: electromechanical

13. Working environment -40℃～+70℃

14. Lifting control Short-range wireless remote control/wire control

15. Control distance ≤100M

16. The remote control range is within 50M

17. Traffic light connection

18. Linkage with barriers

19. Material thickness: 16mm

20. The whole board is formed and bent

## Technical Parameters:

1. System control: 220V electric drive

3. Power supply: 220 (control voltage 12V).

4. System power (w): 180W.

5. Rise time: ≤1-2S

6. Falling time: ≤1-2S

7. Working temperature: -35℃~75℃ (suitable).

8. Storage environment: -10℃~65℃, rain-proof, moisture-proof and dust-proof.

9. Material: A3 steel, sprayed with anti-rust primer.

10. Color: a variety of colors

11. Weight: 0.5 tons

12. Body specifications: standard chassis (size can be customized design)

Length 3000×Width 520×Height 85, lifting height: 150

Length 3500×Width 520×Height 85, lifting height: 150

Length 4000×Width 520×Height 85, lifting height: 150

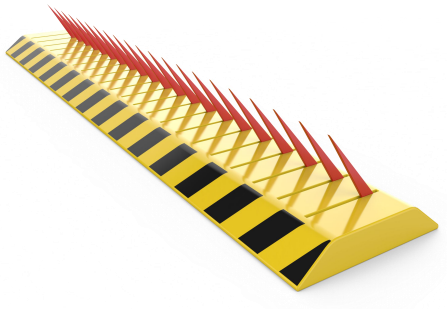
Length 4500 × width 520 × height 85, lifting height: 150

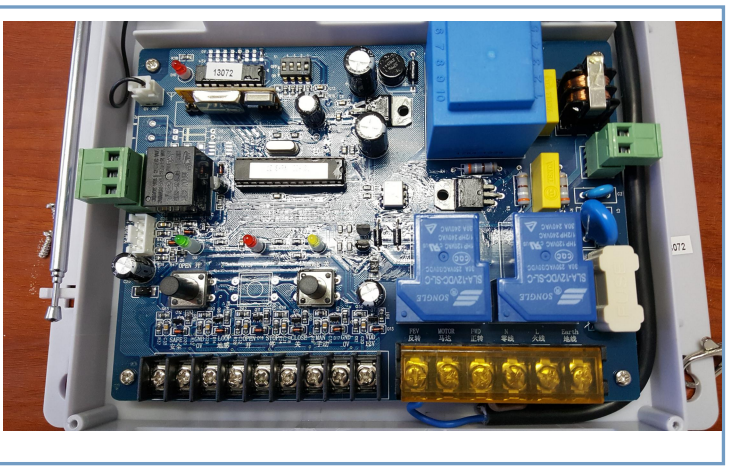
Length 5000×Width 520×Height 85, lifting height: 150

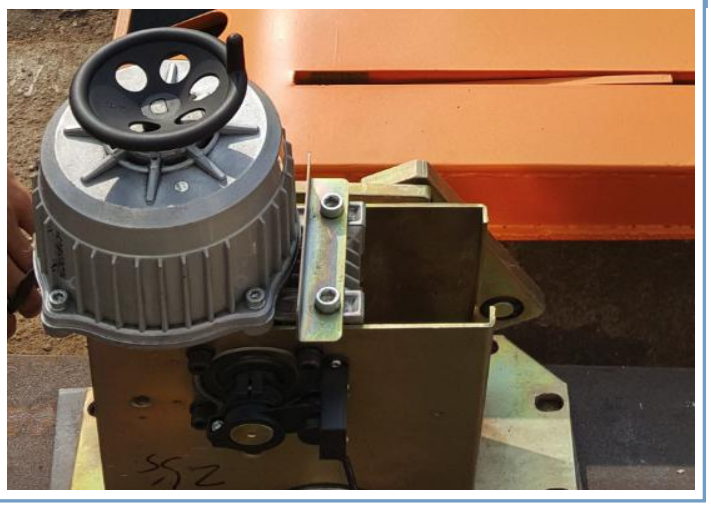
Length 6000×Width 520×Height 85, lifting height: 150

# Tire killer composition

1. Tire Breaker
2. Controller
3. Motor
4. Remote control







# Construction installation and material list

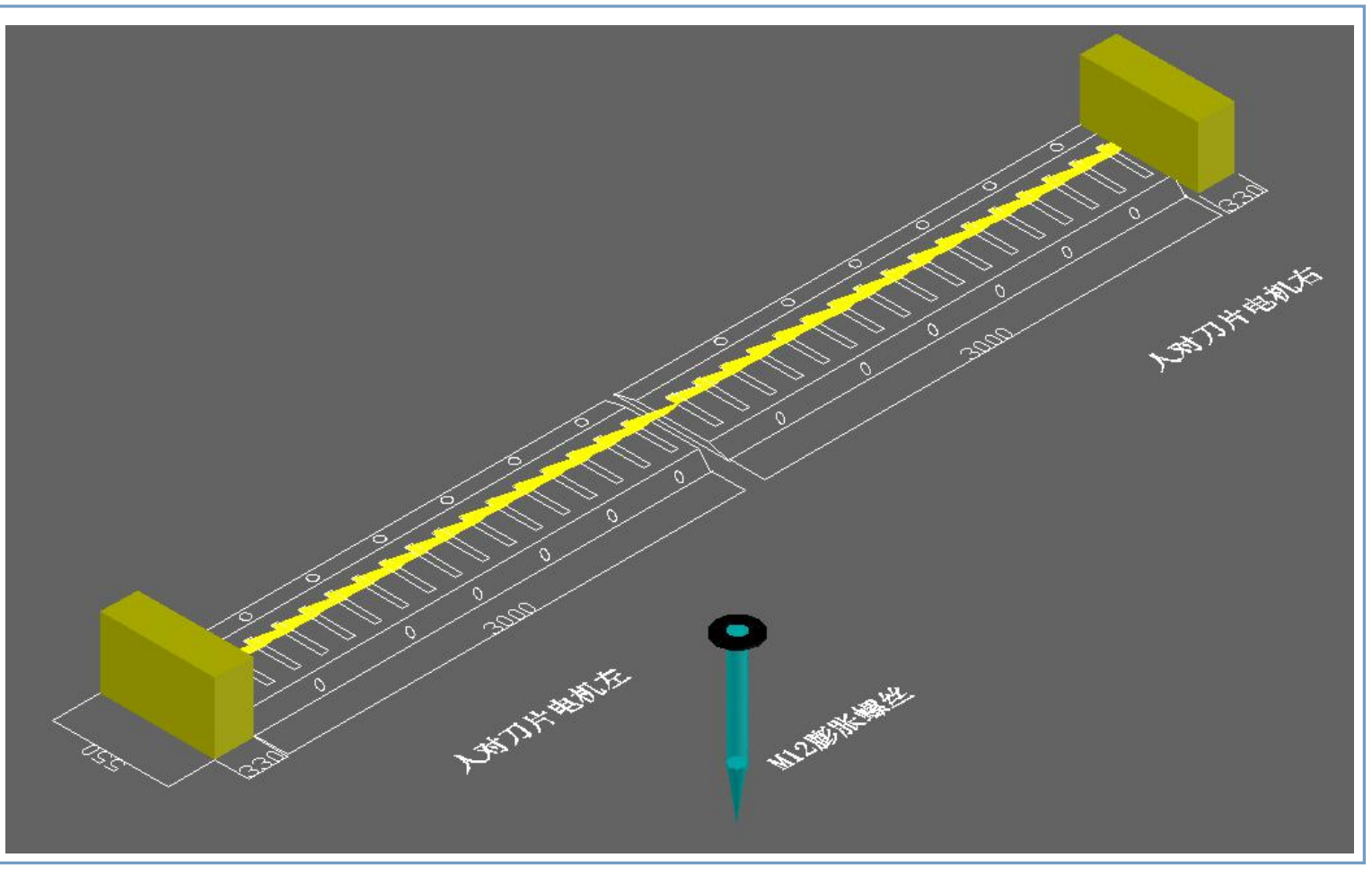
1. Install the equipment location according to customer requirements

2. Find the two horizontal ends ±10mm

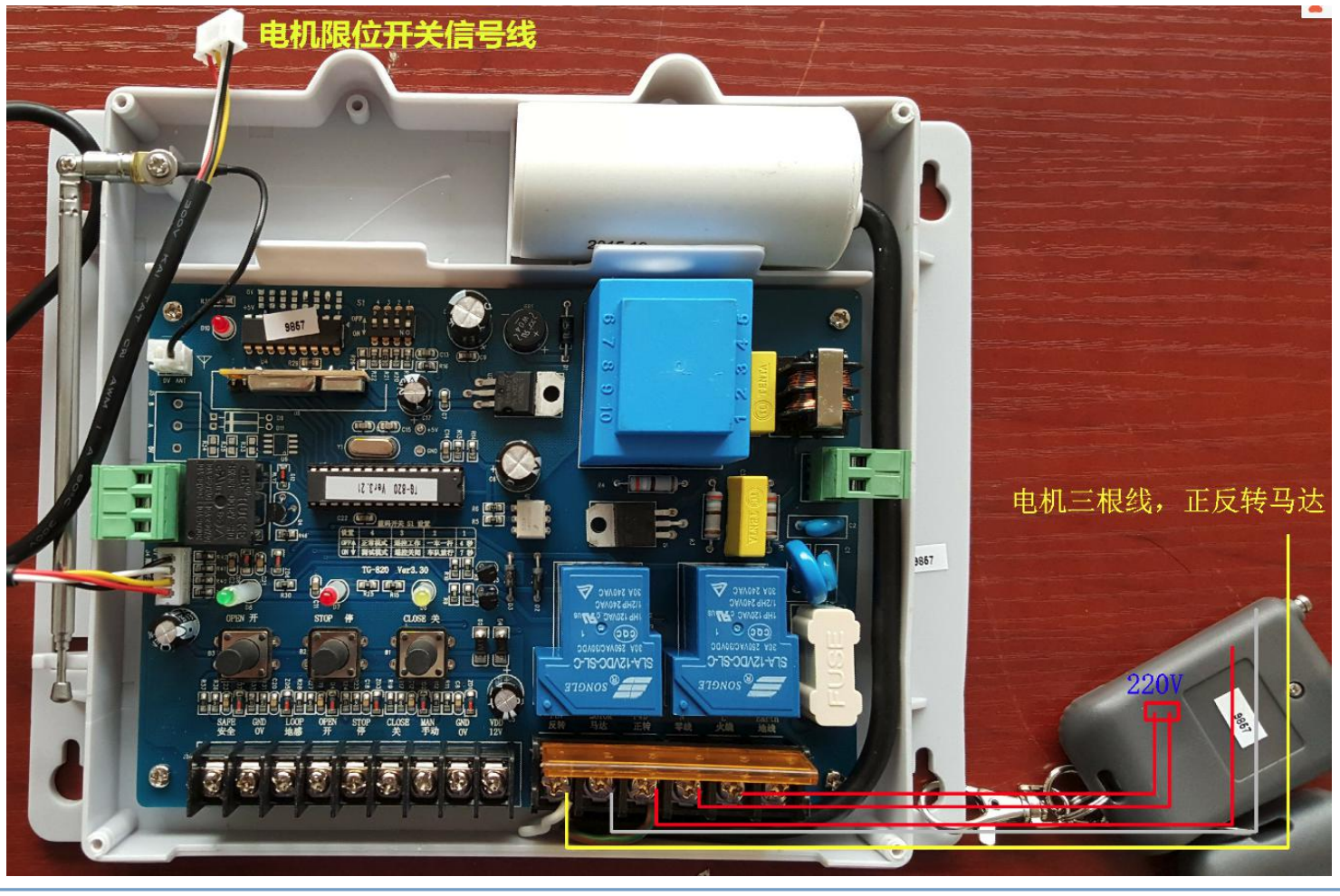
3. Prepare M12 expansion screws

4. Provide AC220V power supply (2 core 1.5-2.5 square wire)

5. Switch signal line (4 cores 1 square wire) (4 cores are: 1. common end 2. rise 3. fall 4 stop)



# Controller diagram



# Linkage connection

1. The linkage device and the tire breaker (parking system, access control system, license plate recognition system) can be realized, the premise is the switch signal.

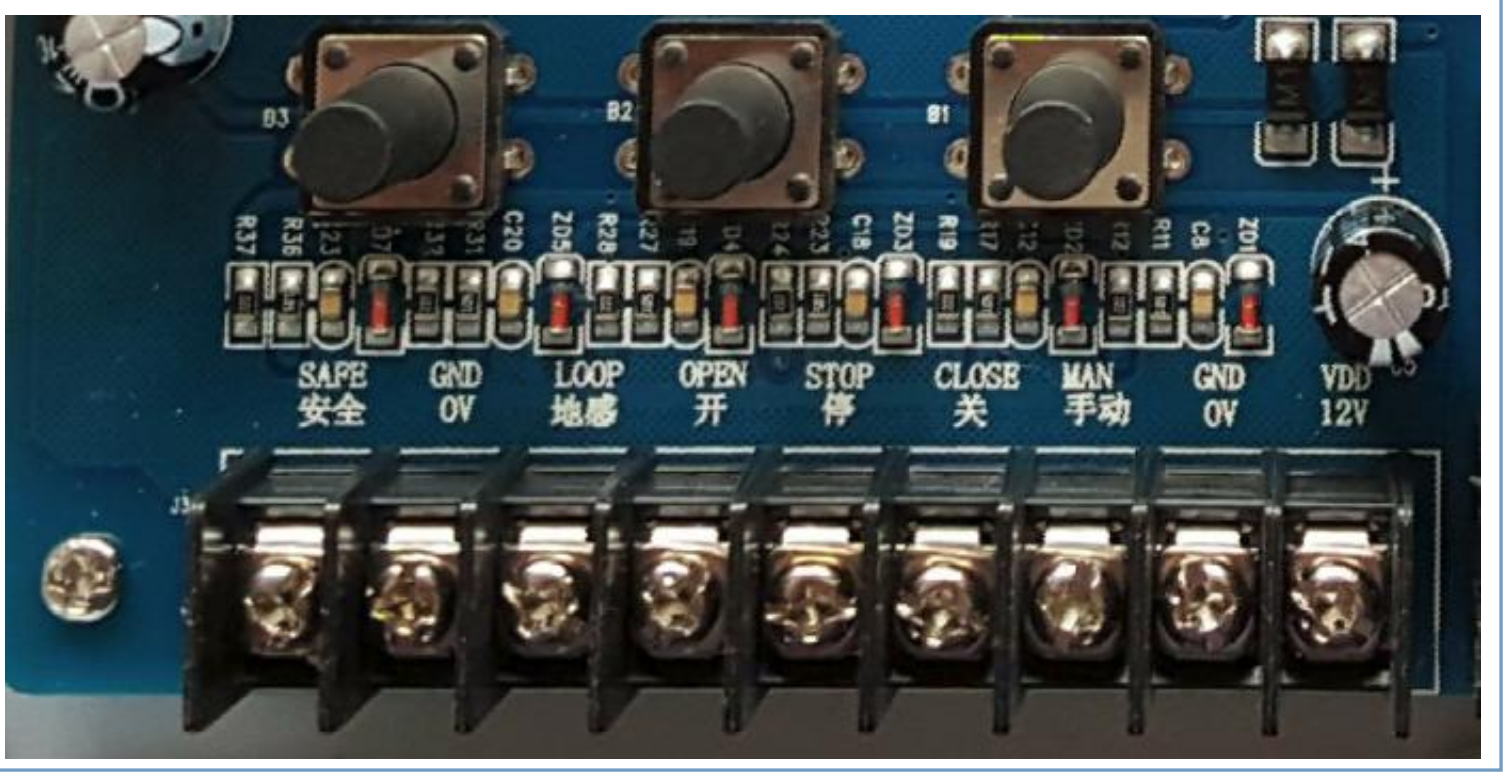
2, as shown below

Picture: such as linkage parking barrier

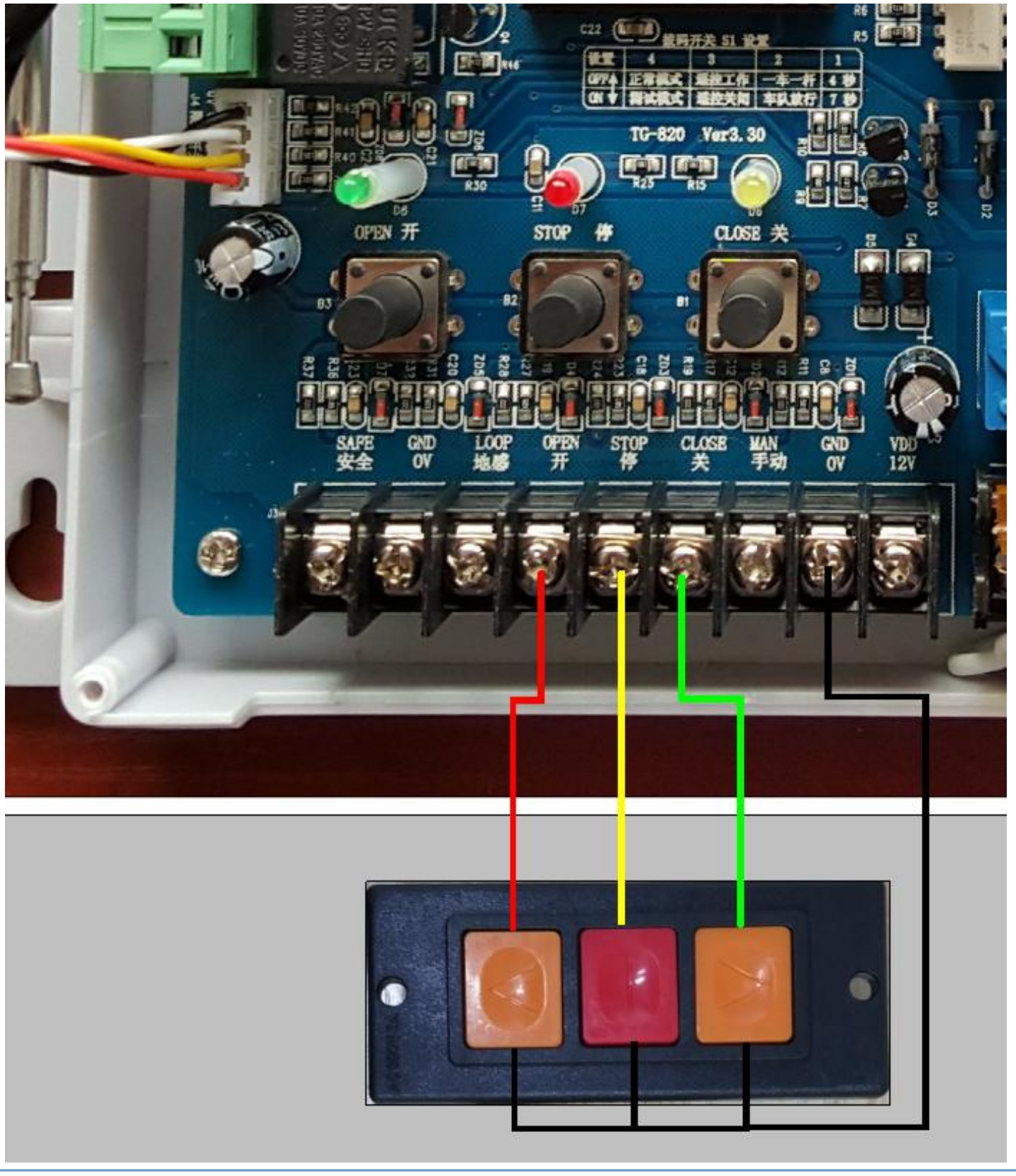
1. The common terminal is connected to the tyre breaker controller 0V

2. The barrier is open and connected to the tire breaker controller. Off (the barrier is raised and opened, the tire breaker is lowered and closed, and vehicles pass through)

The barrier is closed and the tire breaker controller is on (the barrier is lowered and closed, and the tire breaker is raised and opened to block the vehicle)



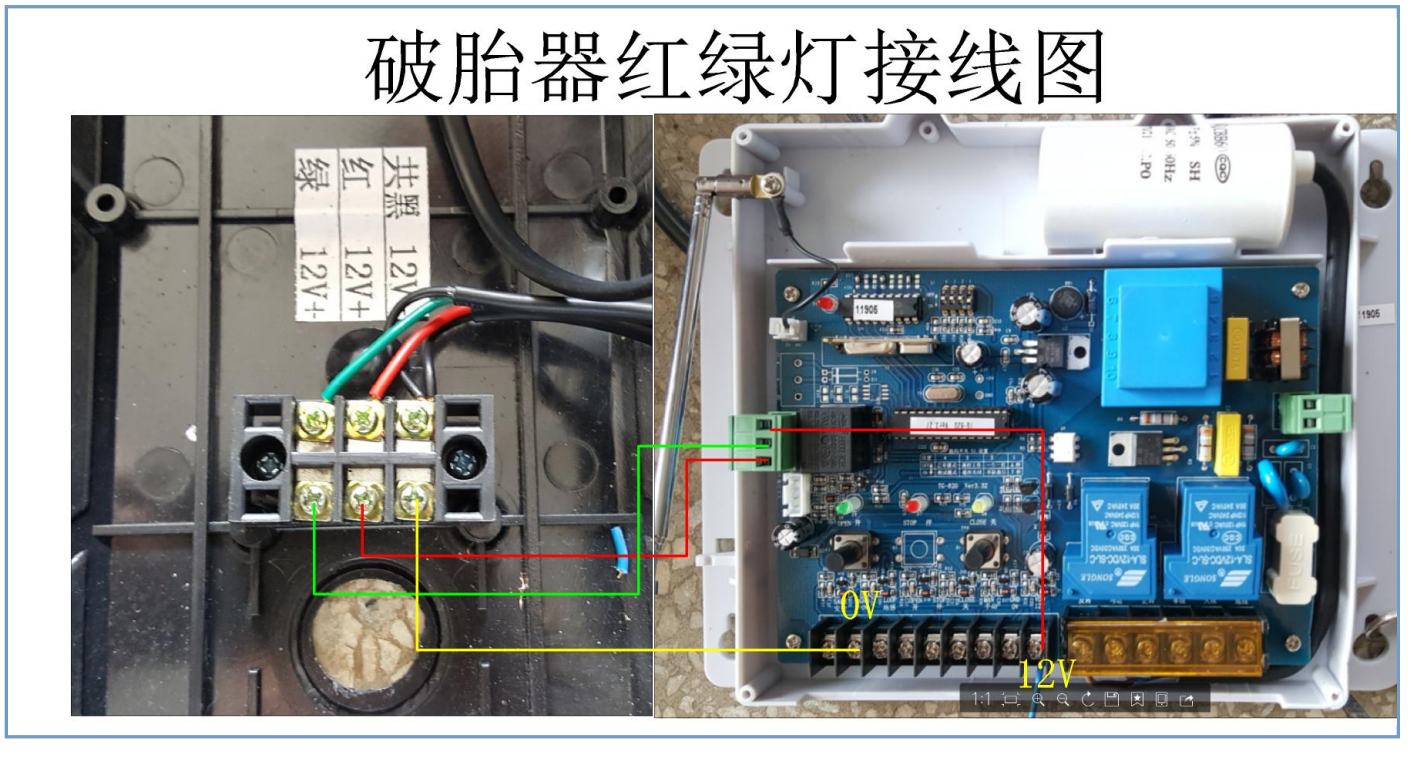
# How to connect the button switch



# 1、Connection of tire killer and traffic light

2. Please use DC12V traffic lights

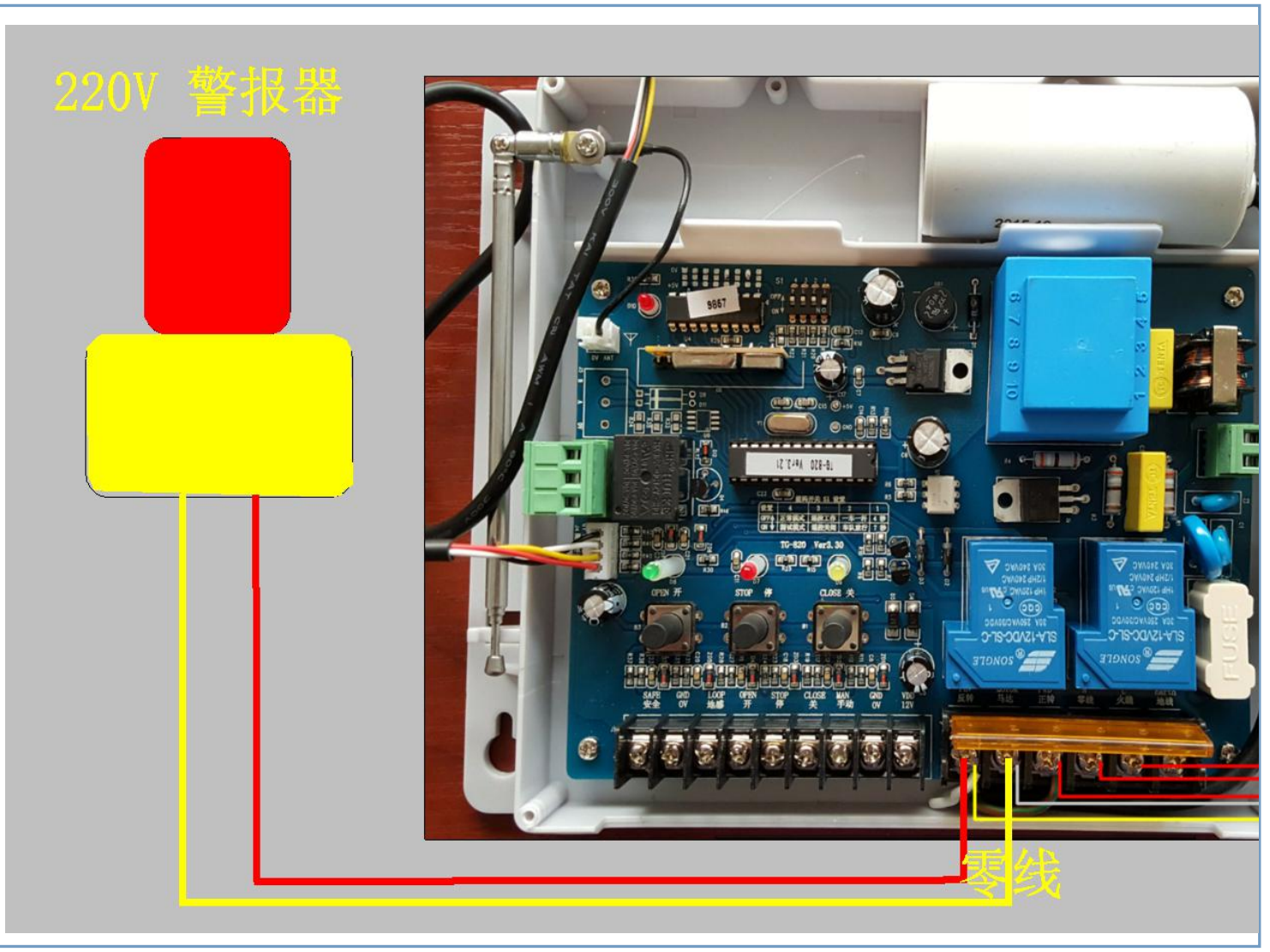
3. The connection method is as shown below (the wiring diagram of the traffic light of the tire breaker)



# Alarm connection method

1. Please use AC220V alarm

2. Connect the motor with anyway or forward rotation



# Power failure and manual usage

1. Emergency use method after power failure

1. First open the motor box

2. Rotate the motor steering wheel by hand

3. Forward rotation rises, reverse rotation declines