

# T50 Professional Access Control Reader

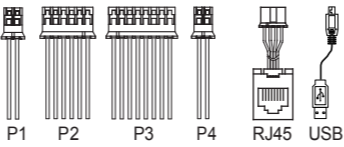
V1.1

## Package list

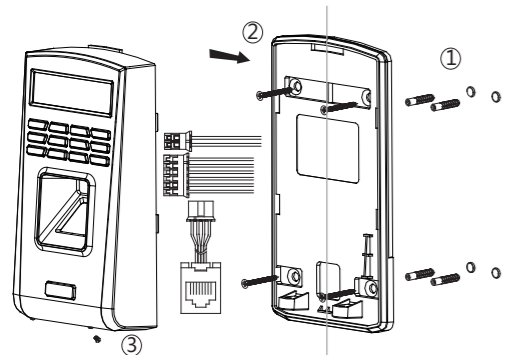
- 1 Reader  

- 2 Instruction Package  

- 3 Accessory Package  

- 4 Connector Jack  


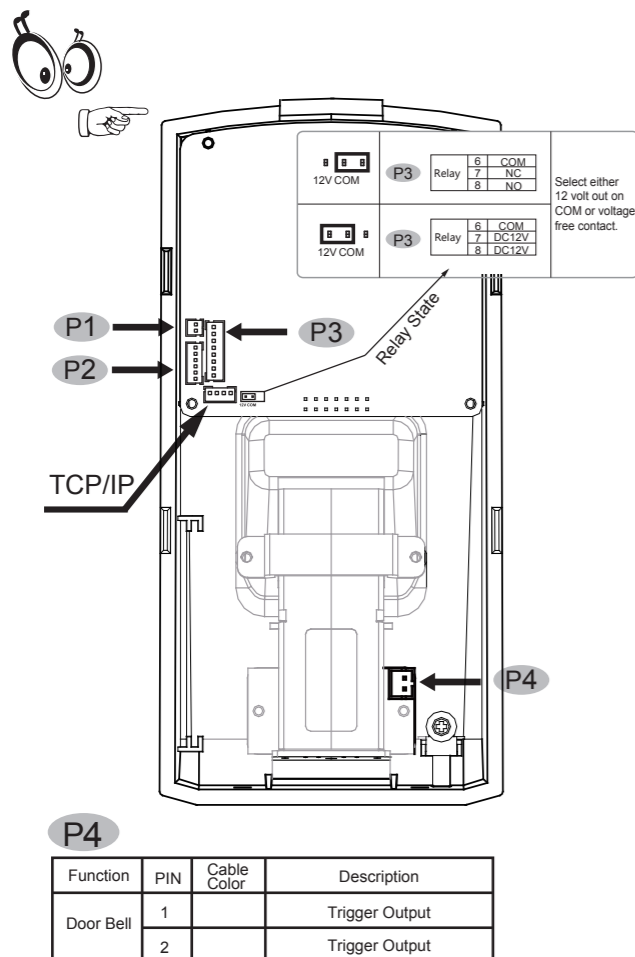
## Installation Diagram



## Installation Steps:

- 1 Drill holes in the wall follow the hole position on back panel
- 2 Install and fix back panel, connect related cables
- 3 Fix access control reader

## Wiring Instruction



**P1**

Function	PIN	Cable Color	Description
Power	1	Black	GND
	2	Red	DC12V

**P2**


Function	PIN	Cable Color	Description
Wiegand Output	1	Green	Wiegand DATA0 Output
	2	White	Wiegand DATA1 Output
RS485	3	Black	GND
	4	Yellow	RS485A
	5	Purple	RS485B
	6	Black	GND

**P3**

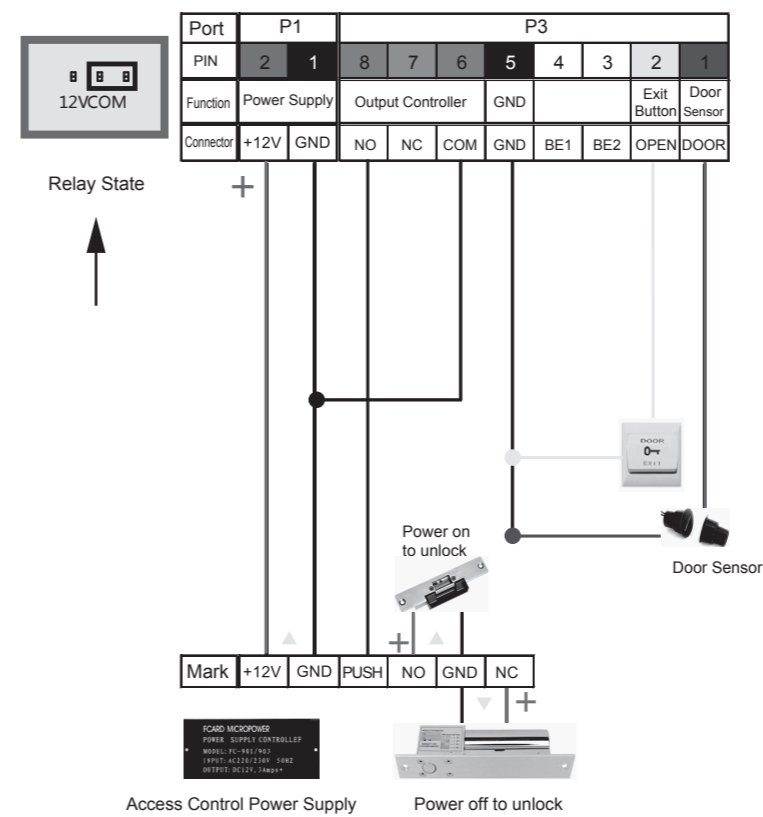
Function	PIN	Cable Color	Description
Door Sensor	1	Purple	Trigger Input
	2	Yellow	Trigger Input
Exit Button	3	White	
	4	White	
Relay	5	Black	GND
	6	Green	COM
	7	Orange	NC/DC12V
	8	Blue	NO/DC12V

**P4**

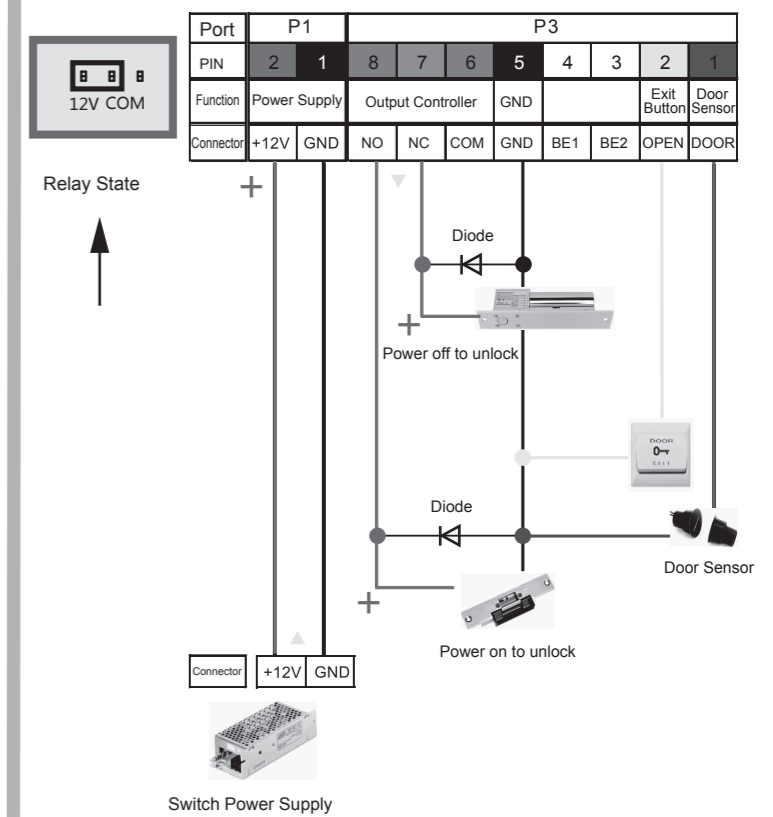
Function	PIN	Cable Color	Description
Door Bell	1		Trigger Output
	2		Trigger Output

 Important notice: Please carefully follow this wiring diagram, If the reader gets damaged by incorrect wiring then your warranty will be void.

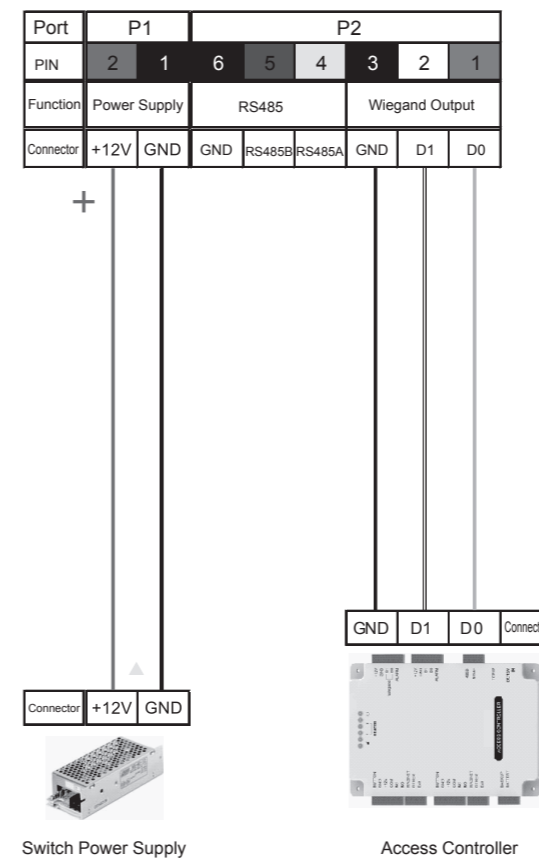
## Access Control Reader & Power Supply



## Access Control Reader & Switch Power Supply



## Access Control Reader & Controller



## Communication with Door Bell

