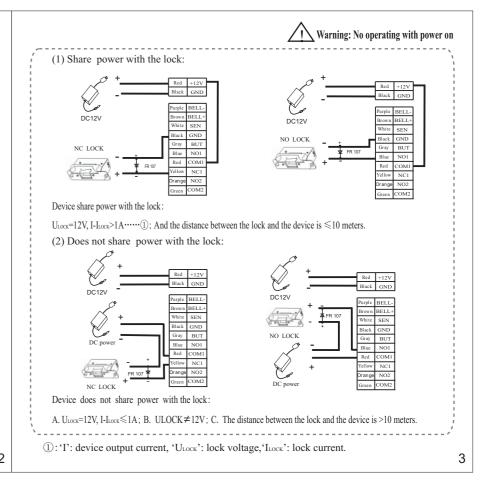
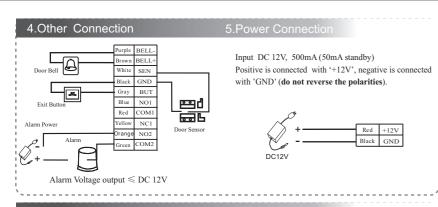


diode (equipped in the package) to prevent the self-inductance EMF affect the system,

do not reverse the polarities.

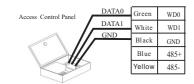
8. Other Functions







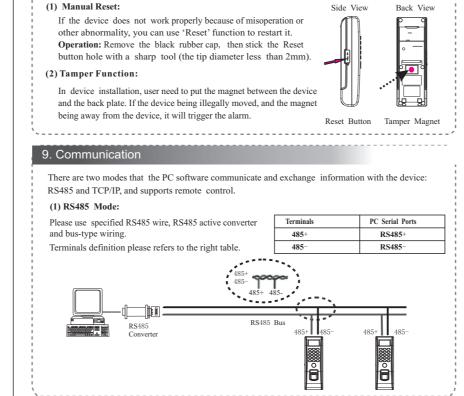
The device supports standard Wiegand 26 output, so you can connect it with most of the access control devices by now.

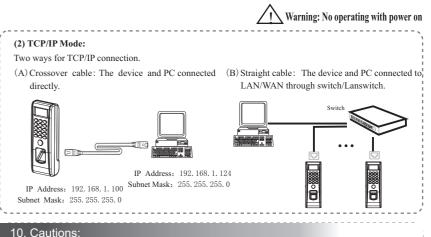


The device has the function of Wiegand signal input. It supports to connect with an independent card reader. They are installed each side of the door, to control the lock and access together.

8			
	Red	+12V	+12V
	Red	+12V	GND
	Black	GND	
	White	IWD1	DATA1
	C		DATA0
	Green	IWD0	RLED
	Blue	RLED	RLED
	Gray	GLED	GLED
	Gray	GLED	BEEP
	Purple	BEEP	BEEL

- (1) Please keep the distance between the device and Access Control or Card Reader less than 90 meters (Please use Wiegand signal extender in long distance or interference environment).
- (2) To keep the stability of Wiegand signal, connect the device and the access control or card reader in same 'GND' in any case. `-----





## 10. Cautions:

- (1) Power cable is connected after all the other wiring. If the device is working abnormally, please shut down the power first, then make the necessary check. Kindly reminds you that any hot-plugging may damage the device, and it is not included in the warranty.
- (2) We recommend the DC 3A/12V power supply. Please contact our technical staff for details.
- (3) Please read carefully the terminal description and wiring by rule strictly. Any damage caused by improper operations will be out of the range of our guarantee.
- (4) Keep the exposed part of wire less than 5mm, to avoid unexpected connection.
- (5) Please connect the 'GND' before all the other wiring especially under the environment with much
- (6) Do not change the cable type because of long distance between the power and the device.
- (7) Please use specified RS485 wire, RS485 active converter, and adopt bus-type wiring. If the communication wire is longer than 100 meters, it is needed to parallel a terminal resistance on the last device of RS485 bus, and the value is about 120 ohm.