VISIONIS VIS-AXESS-1D-ETL-PCB Network Access Control Panel

VISIONIS VIS-AXESS-1D-ETL-PCB Network Access Control Panel User Guide

Contents

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Specifications

- Working Voltage: DC 12V
- Working Current: Non-loaded

Product Information

The product is a device designed to operate at a working voltage of DC 12V. It is intended to be used with non-loaded current specifications.

Product Usage Instructions

1. **Power Supply:**
   Connect the device to a power source with a DC output of 12V. Ensure that the power supply meets the required specifications to avoid damage to the product.
2. **Device Operation:**
   Once connected to the power supply, operate the device according to the specific functions outlined in the user manual or product guide provided.
3. **Maintenance:**
   Regularly check for any signs of wear and tear, and follow maintenance guidelines provided by the manufacturer to ensure optimal performance and longevity of the product.

Frequently Asked Questions (FAQ)

Q: What should I do if the device does not power on?
A: Check the power supply connection and ensure that it is providing the correct voltage output. If the issue persists, contact customer support for further assistance.

Q: Can I use a power supply with a different voltage?
A: No, it is recommended to use a power supply with a DC output of 12V as using a different voltage may damage the device.

Device Parameter

- Working Voltage: DC 12V
- Working Current: Non-loaded <200mA
- Working Temperature: -20°C – 50°C (-4°F – 122°F)
- Working Humidity: 10° – 90°
- Power Consumption: <3W
- Size: 85x157x20mm (3.35×6.18×0.79in.)
- Communication Mode: TCP/IP
- Communication Rate: 10/100M (TCP/IP)
- Extension Communication: RS485
- Users Capacity: 20.000
- Records Capacity: 70.000
- Max. Doors: 2
- Dry Contact Input: 6
- Dry Contact Output: 3
- Access Group: 200 Groups
- Default IP Address: 192.168.0.245
- Default Communication Password: NULL

IMPORTANT: These access control panels (Version 2.0) are only compatible with access control panels (Version 2.0) and with the Titan VSAxess software. They are not compatible with access control panels (Version 1.0) nor with VSAxess software.

Basic Function

- First card open
- Multi-card open
- Anti-passback
- Multi-door interlock
- Card, password, card+password, card or password open mode
- Different time differente open mode
- Transmission encryption setup
- Self-checking function
- Remote control
- Wiegand format can be self-defined
- Add card without software
- Multi-channel connection (max. 3 channels)

- Real-time events active or passive upload
- Arm/disarm by card
- Arm/disarm by software
- Relieve alarm by software
- Multi-event linkage alarm
- One event related to multi-relay trigger
- Alarm delay turn off
- Capacity can be expanded
- Self-defined door lock relay
- Self-defined control door quantity
- Door latch mode
- Active door normal open mode by card
- Timed automatic normal open mode
- Timed invalid for exit button
- Normal open time
- Normal open holiday forbidden schedule
- Access time schedule
- Forbid access holiday schedule
- Door lock delay setup
- Access group setup
- Threaten code setup
- Force open/close door
- Open door by software
- Relieve normal open by card
- Relieve card and card valid date setup
- Expand RS485 communication
- Real-time monitoring door and relay state

Wiring Introduction

Wiring Position	Wire Model	Remark
Power Supply – Access Controller	RVV2*1.0	Distance < 100M
Access Controller – Reader	RVV4*0.5	Distance 60M, max. can not over 100M.
Access Controller – Electric Lock	RVV4*1.0(Door-magnet feedback)	Distance < 150M
Access Controller – Exit Button	RVV2*0.5	Distance < 200M
Access Controller – IR Alarm	RVV2*1.0	Distance < 200M
Access Controller – Sound-light Alarm	RVV2*1.0	Distance < 150M
RS485 Communication Cable	RVVP2*1.0	Distance < 1000M, shield layer connect to ground
TCP/IP Communication Cable	CAT-5	Distance < 100M

Connection

I/O	Device	Standard	Quantity	Setup
Input	Reader	Wiegand 26-40	2	as function
Output	Electric Lock	Switch Signal	1/2	as doors
Input	Door-magnet	Switch Signal	1/2	Support
Output	Sound-light alarm	Switch Signal	1/2	
Input	IR Sensor/Smoke Sensor/Others	Switch Signal	2	
Input	Exit button	Switch Signal	1/2	Support
Input	RS485 device	Communication	1	

LED&Button Instruction

LED	RL1	RL2	RL3
One-door	Lock1	Magnet Alarm1	Alarm Output1
Two-door	Lock1	Lock2	Magnet Alarm1

- Power: 12V power LED
- RUN: Device run LED
- RDOK: Read card status LED

- 2DOOR: The status LED of 2 doors
- RDOK + RUN: Device enter online upgrade mode.
- RESET Key: It is used to reboot device and clear communication password. After power off, power on device again and press RESET button for 3 seconds, then you can clear communication password

Disclaimer

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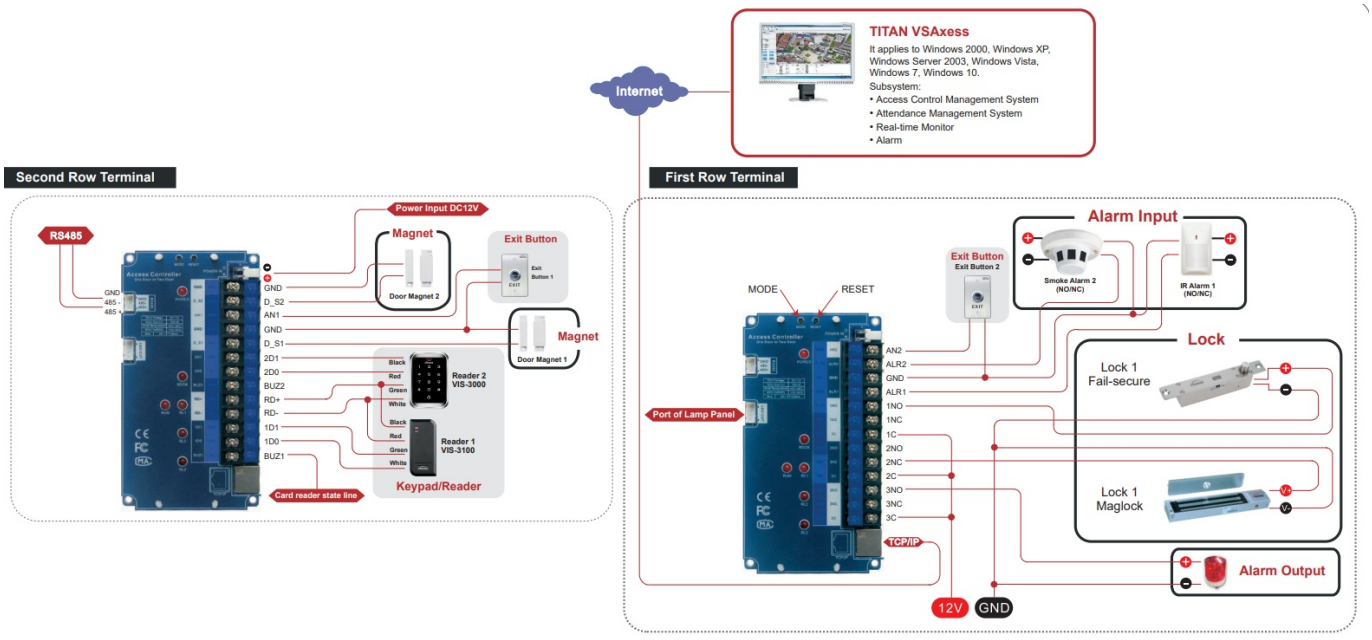
Wiring Diagram of Access Controller



Quick Start

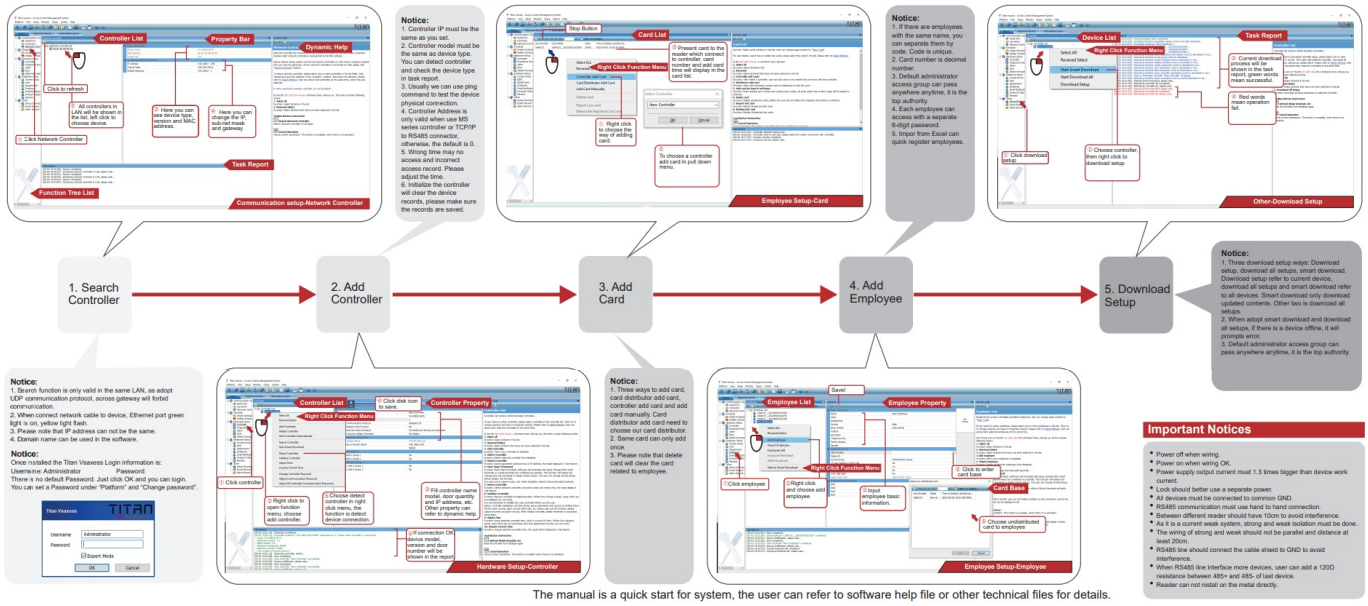
Notice

1. Controller IP must be the same as you set.
2. Controller model must be the same as device type. You can detect controller and check the device type in task report.
3. Usually we can use ping command to test the device physical connection.
4. Controller Address is only valid when use MS series controller or TCP/IP to RS485 connector, otherwise, the default is 0.
5. Wrong time may no access and incorrect access record. Please adjust the time.
6. Initialize the controller will clear the device records, please make sure the records are saved.

Notice

1. If there are employees with the same name, you can separate them by code. Code is unique.

2. Card number is decimal
3. Default administrator access group can pass anywhere anytime, it is the top authority.
4. Each employee can access with a separate 6-digit password.
5. Impor from Excel can quick register employees.



Notice

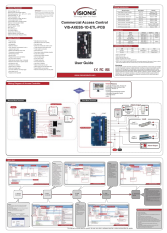
1. Search function is only valid in the same LAN, as adopt UDP communication protocol, across gateway will forbid communication.
2. When connect network cable to device, Ethernet port green light is on, yellow light flash.
3. Please note that IP address can not be the same.
4. Domain name can be used in the software.

Notice

Once installed the Titan Vsaxess Login information is: Username: Administrator Password:
There is no default Password. Just click OK and you can login. You can set a Password under “Platform” and “Change password”.

The manual is a quick start for system, the user can refer to software help file or other technical files for details.

Documents / Resources

	VISIONIS VIS-AXESS-1D-ETL-PCB Network Access Control Panel [pdf] User Guide VIS-AXESS-1D-ETL-PCB, VIS-AXESS-1D-ETL-PCB Network Access Control Panel, Network Access Control Panel, Access Control Panel, Control Panel, Panel

References

- Home - Visionis

- **User Manual**