

VISIONIS
VIS-AXESS-2D-ETL-
PCB Two Door
Network Access
Control PCB Board
Controller



VISIONIS VIS-AXESS-2D-ETL-PCB Two Door Network Access Control PCB Board Controller User Guide

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VISIONIS VIS-AXESS-2D-ETL-PCB Two-Door Network Access Control PCB Board Controller

- 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 and open
- Multi-card open
- Anti-passback
- Multi-door interlock
- Card, password, card+password, card or password open mode
- Different times different 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 the exit button
- Normal open time
- Normal open holiday forbidden schedule
- Access schedule
- Forbid access holiday schedule
- Door lock delay setup
- Access group set up
- Threaten code setup
- Force open/close door
- Open door by software
- Relieve normal opening by card

- Relieve card and card valid date setup
- Expand RS485 communication
- Real-time monitoring of 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 be 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 connected to ground
TCP/IP Communication Cable	CAT-5	Distance < 100M

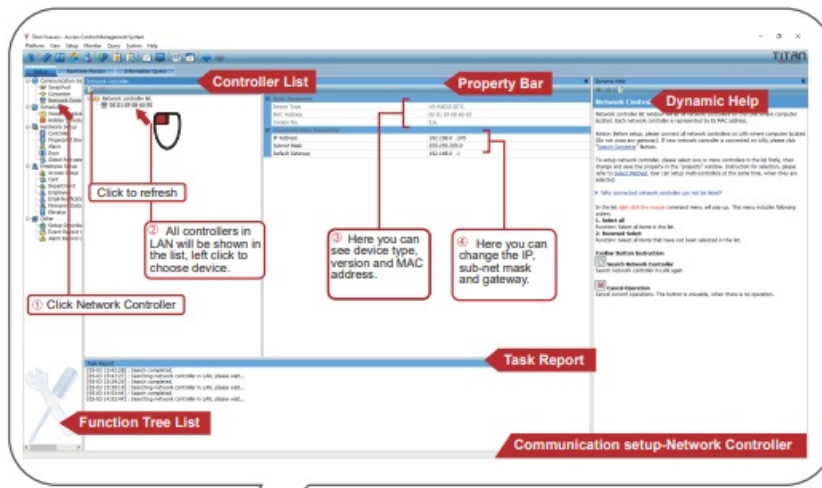
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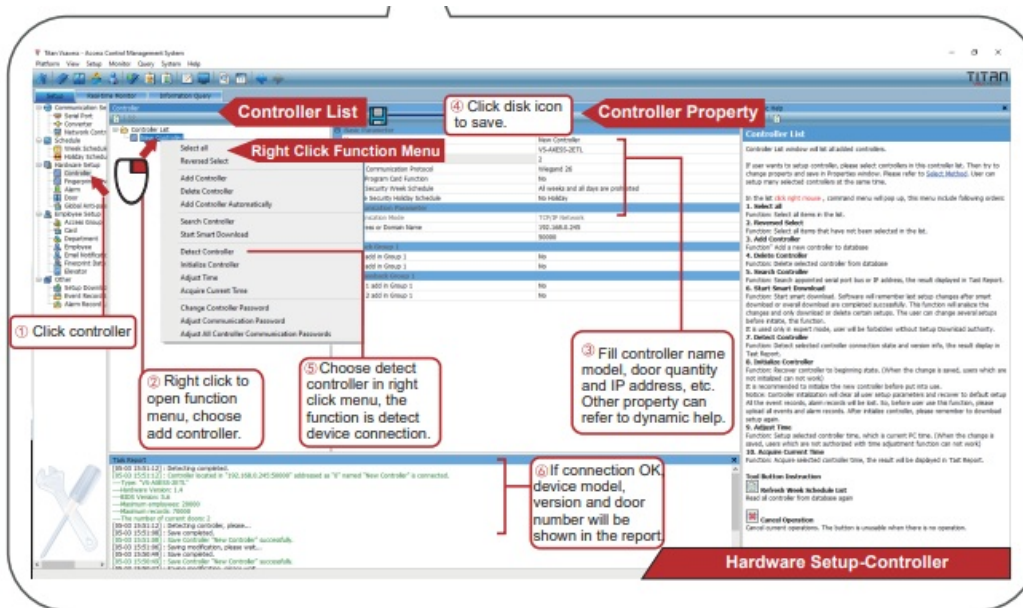
Connection

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



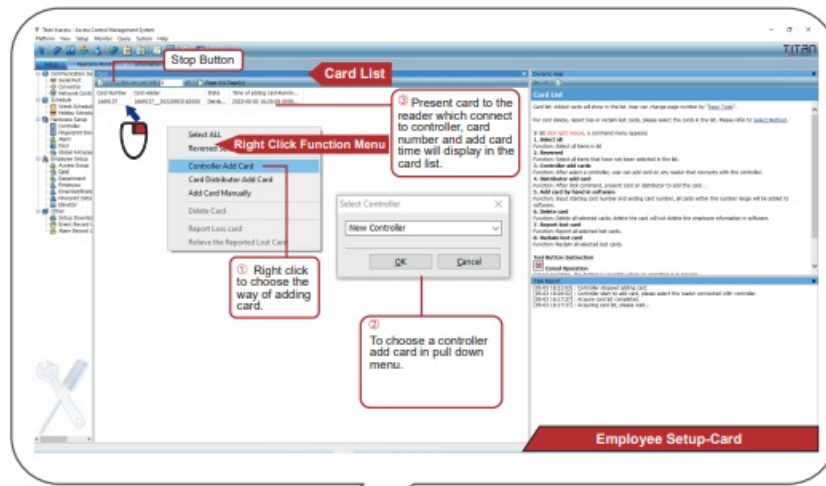
Add Controller



Notice:

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

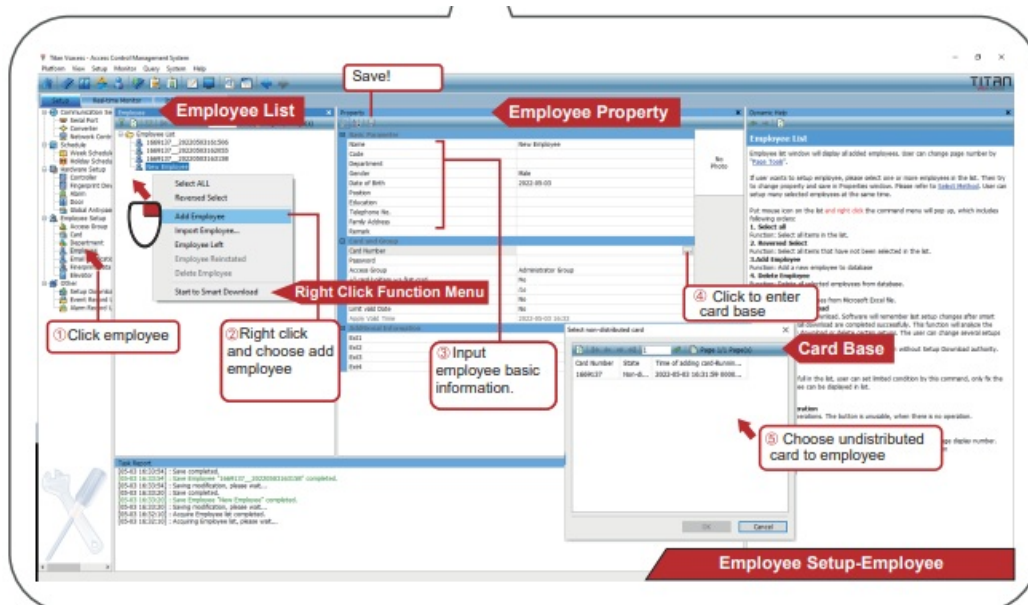
Add Card



Notice:

1. Three ways to add a card, a card distributor adds a card, a controller adds a card, and adds a card manually.
Card distributor adds card need to choose our card distributor.
2. The same card can only be added once.
3. Please note that deleting the card will clear the card related to the employee.

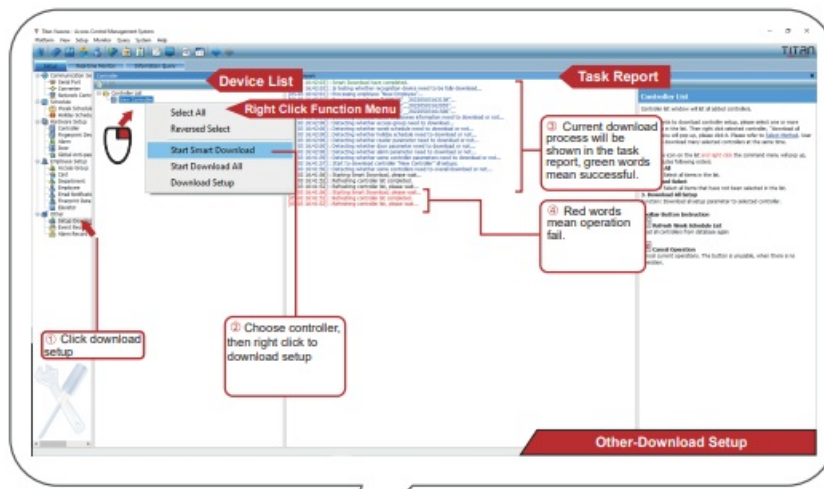
4. Add Employee



Notice:

1. If there are employees with the same name, you can separate them by code. The code is unique.
2. The card number is decimal.
3. The default administrator access group can pass anywhere anytime, it is the top authority.
4. Each employee can access it with a separate 6-digit password.
5. Import from Excel can quickly register employees.

Download Setup



Notice:

1. Three download setup ways: Download setup, download all setups, and smart download. Download setup refers to the current device, download all setups and smart download refers to all devices. Smart download only downloads updated content. The other two are to download all setups.
2. When adopting smart download and downloading all setups, if there is a device offline, it will prompt an error.
3. The default administrator access group can pass anywhere anytime, it is the top authority.

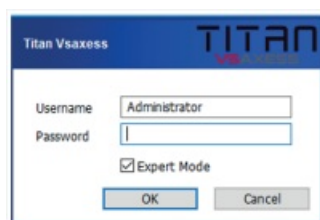
Notice:

1. The search function is only valid in the same LAN, as adopting the UDP communication protocol, across the gateway will forbid communication.
2. When connecting the network cable to the device, the Ethernet port green light is on, yellow light flashes.
3. Please note that the IP address can not be the same.
4. Domain names 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 log in. You can set a Password under "Platform" and "Change password".



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

Important Notices

- Power off when wiring.
- Power on when wiring the power supply output current must be 1.3 times bigger than the device's work current.
- The lock should better use a separate power.
- All devices must be connected to a common GND.
- RS485 communication must use a hand-to-hand connection.

- Between different readers should have 10cm to avoid interference.
- As it is a currently weak system, strong and weak isolation must be done.
- The wiring of strong and weak should not be parallel and the distance at least 20cm.
- RS485 line should connect the cable shield to GND to avoid interference.
- When the RS485 line interfaces more devices, the user can add a 120Ω resistance between 485+ and 485- of the last device.
- The reader can not be installed on the metal directly.

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FAQs

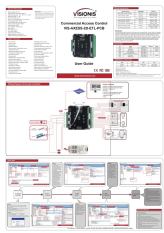
Q: What should I do if the device does not power on?

A: Check the power connection to ensure it is properly secured and the voltage output is correct. If the issue persists, contact customer support for further assistance.

Q: Can I use a power source with a different voltage?

A: No, it is recommended to only use a DC 12V power source as using a different voltage may damage the device and void the warranty.

Documents / Resources

	<p>VISIONIS VIS-AXESS-2D-ETL-PCB Two Door Network Access Control PCB Board Controller [pdf] User Guide</p> <p>VIS-AXESS-2D-ETL-PCB, VS-AXESS-2D-ETL-PCB-version2, VIS-AXESS-2D-ETL-PCB Two Door Network Access Control PCB Board Controller, Two Door Network Access Control PCB Board Controller, Network Access Control PCB Board Controller, Control PCB Board Controller, Board Controller, Controller</p>
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References

- [V Home - Visionis](#)
- [User Manual](#)

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