



# AVCOMM 4005TX 5-Port 1000M Unmanaged Ethernet Switch Installation Guide

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**AVCOMM 4005TX 5-Port 1000M Unmanaged Ethernet Switch**



## Product Information – 4005TX 5-Port 1000M Unmanaged Ethernet Switch

The 4005TX is a 5-port unmanaged Ethernet switch that supports 10/100/1000Base-TX. It has reverse polarity protection of AC or DC input and has an ingenious appearance design. It can be mounted on a DIN Rail track or wall-mounted to facilitate various industrial network applications. The switch also has a grounding screw to avoid system damage by noise or electric shock.

### Package Checklist

- 4005TX Ethernet Switch
- Installation guide

### Appearance

1. Mounting bracket
2. Power input
3. Grounding screw
4. Power indicator PWR LED
5. Network port (RJ45)
6. Network port indicator status LED

### Indicator LED Status

LED	Description	Status
PWR	Power indicator	Green On: Power is in normal condition Green Off: Power is abnormal or power failure
Network port indicator status LED	1000Base network is ready	Green On
Network port indicator status LED	1000Base network is established	Green On, Amber On
Network port indicator status LED	10Base network is established or link failure	Green Off, Amber On
Network port indicator status LED	10/100/1000Base network is established	Green On, Amber Blinking
Network port indicator status LED	Link is not ready or link failure	Amber Off, Amber Blinking

## Safety Precautions

- Keep DC power off before connecting to the terminal block connectors and ensure all connections are securely established.
- Make sure that models connect to the corresponding supply voltage. The device is to be supplied by Limited Power Supply. The relay contact supports 0.5 A current, DC 24V.
- Do not touch the surface of the switch while it is in operation!

## Support and Warranty

If you encounter any problems, you can use the online service forms at [www.avcomm.cn](http://www.avcomm.cn) to request support. The submitted forms are stored on the server for AVCOMM team members to assign tasks and monitor the status of your service. AVCOMM Technologies, Inc provides a warranty for this product.

## Product Usage Instructions – 4005TX 5-Port 1000M Unmanaged Ethernet Switch

### DIN Rail-mounted Installation

1. Ensure that the DIN Rail complies with DIN EN50022 standard. Using the wrong DIN rail may cause unsafe installation.
2. Insert the upper end of the DIN-Rail clip into the back of the DIN-Rail track from its upper side.
3. Lightly push the bottom of the DIN-Rail clip into the track.

### Wall-mounted Installation

1. Tighten the metal fixation plate by.
2. Hang the machine with locked metal strip onto the wall or machine cabinet.

### Wiring the Power Input

1. Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.

2. Tighten screws when the wire is connected.
3. Connect the power wires to a suitable DC Switching type power supply.

## Overview

4005TX is a 5-port 10/100/1000Base-TX unmanaged Ethernet switch with reverse polarity protection of AC or DC input. It has ingenious appearance design and supports DIN Rail-mounted/wall-mounted to facilitate in various industrial network applications.

## Package Checklist

- 1 x Product Unit
- 2 x Mounting plate
- 6 x Screw
- 1 x Quick Installation Guide

## Installation



### DIN Rail-mounted

To mount the switch on the DIN Rail track, insert the upper end of the DIN-Rail clip into the back of the DIN-Rail track from its upper side and lightly push the bottom of the DIN-Rail clip into the track. The DIN Rail should comply with DIN EN50022 standard. Using wrong DIN rail may cause unsafe installation.

### Wall-mounted

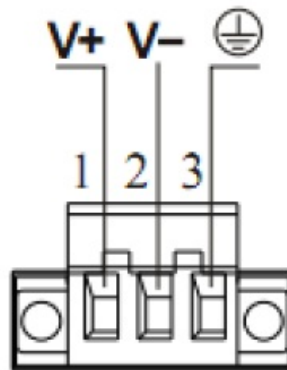
Tighten the metal fixation plate by , then hang the machine with locked metal strip onto wall or machine cabinet.



### Grounding Screw

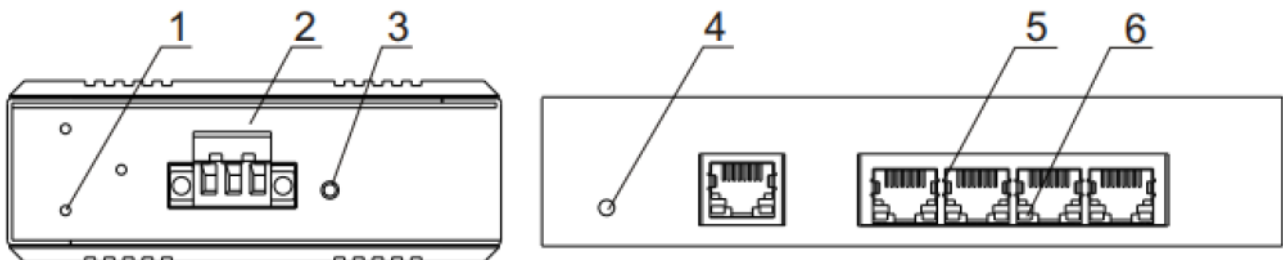
For avoiding system damage by noise or electric shock, establish a direct connection between the grounding screw and the grounding surface prior to connecting devices.

### Wiring the Power Input



- Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.
- Tighten screws when the wire is connected.
- Connect the power wires to suitable DC Switching type power supply.

### Appearance



1. Mounting bracket
2. Power input
3. Grounding screw
4. Power indicator PWR

5. Network port
6. Network port indicator

## Indicator

LED	Status	Description
PWR	Green On	Power is in normal condition
	Green Off	Power is abnormal or power failure
RJ45	Green On Amber On	1000Base network is ready
	Green On Amber Blinking	1000Base network is established
	Amber On Green Off	10Base network is established or link failure
	Amber Blinking	10/100/1000Base network is established
	Amber Off	Link is not ready or link failure

## Safety Precautions

- Keep DC power off before connecting to the terminal block connectors and ensure all connections are secure established.
- Do make sure that models connect to the corresponding supply voltage. The device is to be supplied by Limited Power Supply. The relay contact supports 0.5 A current, DC 24V
- Do not touch the surface of the switch while it is in operation!

## Support

At AVCOMM, you can use the online service forms to request the support. The submitted forms are stored in server for AVCOMM team member to assign tasks and monitor the status of your service. Please feel free to write to [www.avcomm.cn](http://www.avcomm.cn) if you encounter any problems.

## Warranty

5-year Global warranty are available for AVCOMM products assuring our customers that the products shall remain free from defects in workmanship or materials and conform in all material respects to AVCOMM specifications, or purchasers supplied and accepted specifications. The warranty is limited to the repair and/or replacement, at AVCOMM sole discretion, of the defective product during its warranty period. The customer must obtain a Return Merchandise Authorization (RMA) approval code prior to returning the defective Product to AVCOMM for service. The customer agrees to prepay shipping charges, to use the original shipping package or equivalent, and to ensure the product or assume the risk of loss or damage in transit. repaired or replaced products are warranted for ninety (90) days from the date of repair or replacement, or for the remainder of the original product's warranty period, whichever is longer.


## Disclaimer

AVCOMM reserves the right to make changes to this QIG or to the product hardware at any time without notice. It is the user's responsibility to determine whether there have been any such updates or amendments herein.

Defects, malfunctions, or failures of the warranted Product(s) caused by damage resulting from unforeseeable incidents (such as lightings, floods, fire, etc.), environmental and atmospheric disturbances, other external forces such as power line disturbances and surge, host computer malfunction and virus, incorrect power input, or incorrect cabling, incorrect grounding and damages caused by misuse, abuse and unauthorized alteration or repair are not warranted.

[www.avcomm.cn](http://www.avcomm.cn)

Documents / Resources

	<a href="#">AVCOMM 4005TX 5-Port 1000M Unmanaged Ethernet Switch</a> [pdf] Installation Guide 4005TX 5-Port 1000M Unmanaged Ethernet Switch, 4005TX, 5-Port 1000M Unmanaged Ethernet Switch, 1000M Unmanaged Ethernet Switch, Unmanaged Ethernet Switch, Ethernet Switch, Switch
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References

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