AVCOMM®
— INDUSTRIAL IT —

Quick Installation Guide

428GX4
24+4G 100M Unmanaged
Ethernet Switch

www.avcomm.us

· Overview

428GX4 is 24-port 10/100Base-TX RJ-45 and 4-port 100Base-X unmanaged Ethernet switch with reverse polarity protection of AC or DC input. It has ingenious appearance design and supports rack-mounted to facilitate in various industrial network applications.

· Package Checklist

- 1 x Product Unit
- 1 x Quick Installation Guide

· Installation

Rack-mounted
1) Check the grounding and stability of 1U cabinet. Fix the mounting bracket on both sides of the switch panel with screws,
2) Place the switch on the tray of the cabinet, move the switch until it is in the right position.
3) Fix the mounting bracket on the slots of the rack with screws tightly.
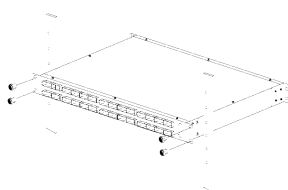
Grounding Screw
For avoiding system damage by noise or electric shock, establish a direct connection between the grounding screw and the grounding surface prior to connecting devices.

Wiring the Power Input
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.
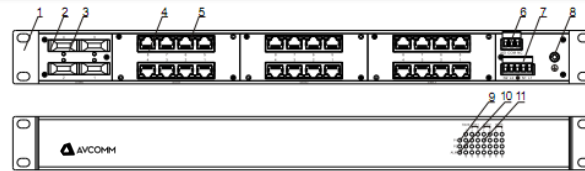3) Connect the power wires to suitable DC Switching type power supply.
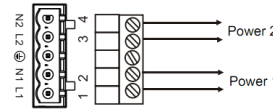
Wiring the Relay Output (Alarm)
The relay output of the 3-pin terminal block connector alarms the circuit status which include Normal Closed (NC), Normally Opened (NO) and Common (COM).
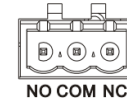
· Appearance

1. Mounting bracket
2. 1000Base-X port
3. 1000Base-X port indicator
4. 10/100Base-TX port
5. 10/100Base-TX port indicator
6. Relay Alarm terminal
7. Power input terminal
8. Grounding screw
9. Power indicator P1 P2
10. Alarm indicator
11. 10/100Base-TX port indicator

· Indicator

LED	Status	Description
P1 P2	Green On	Power is in normal condition
	Green Off	Power is abnormal or power failure
ALM	Red On	With alarm output
	Red Off	Without alarm output
Network port indicator	Green On	Link is ready
	Green Blinking	Link is established
	Green 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 info@avcomm.us 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.