



## Quick Installation Guide

### 5236TG28 Industrial Ethernet Switch

www.avcomm.us

#### • Overview

The 5236TG28 is a new generation of intelligent switch launched by AVCOMM for operators' IP metropolitan area networks, government and enterprise networks, Internet cafes, and diskless working environments. 5236TG28 is based on a new generation of high-performance hardware and ANMS software platform with independent intellectual property rights, supports powerful ACL, flexible QinQ, 1:1 and N:1 VLAN switching, Ethernet OAM, carrier-grade QoS, industrial-grade 10 Gigabit Ethernet Ring network and other functions, support Layer 3 routing protocols. The product can meet the application requirements of various complex scenarios.

	5236TG28
1G/10GBaseSFP+	4
100/1000M BaseSFP+	24
Combo	8

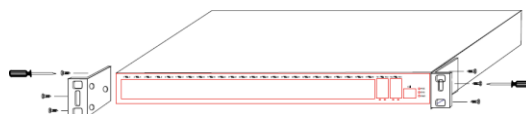
#### • Package Checklist

- 1 x Product Unit
- 1 x Quick Installation Guide
- 1 x Power Cord

#### • Installation

##### Rackmount

The switch chassis is fixed to the rack by brackets. Fix the bracket and make sure the front panel of the switch faces forward.

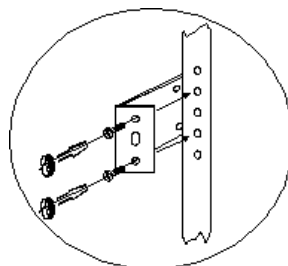


##### Desktop Mounted:

The 5236TG28 can be placed directly on a smooth, flat, and secure desktop.

Note: Do not place anything too heavy (4.5kg) on top of the switch, as it may damage the switch.

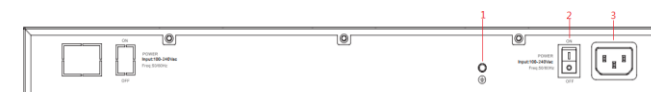
Note: The switch in this figure do not represent the actual 5236TG28. Once the brackets are installed, the switch can be mounted in the rack.



#### • Appearance



No	Port	Description
1	CLI port	Baud rate 9600bps, CLI port
2	PWR LED	The light is normally on, and the device is powered on normally
3	SYS LED	The light flashes and the system starts normally
4	ACT LED	LINK/ACT
5	Gigabit Ethernet	Combo port
6	Gigabit Ethernet	GSFP port
7	10-Gigabit Ethernet	SFP+ port



No	Port	Description
1	Grounding	Grounding is required.
2	Power switch	ON; OFF
3	AC power	Input voltage: AC100-240V

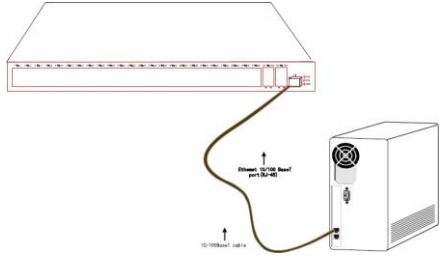
#### • LED Indication

No	Name	Description
1	PWR	The switch is powered on, and the LED is on.
2	SYS	LED on, system start. LED flash, system operation.
3	LINK/ACT	LED on, LINK normal. LED off, LINK abnormal.

## • Ethernet Interface

### CLI port

Baud rate 9600, standard RJ45 plug. Use a special monitoring cable to lead the port to the serial port of the PC and use terminal emulation software (such as Windows HyperTerminal) to configure and monitor the switch. Cables are supplied with the main unit. The communication parameters of the serial port can be set baud rate 9600, 8 data bit, 1 stop bit, none check bit, none flow control.



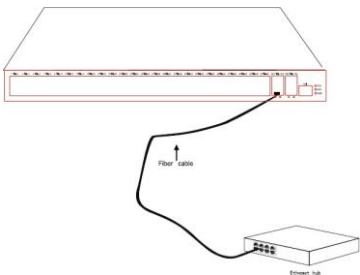
This cable is used to connect the CLI port of switch to the external monitoring end device. It has an RJ45 plug and a 9-pin plug (DB9). The RJ45 plugs into the CLI port socket of the 5236TG28 switch.

### CLI Pins

Pin	Name	Description
3	TXD	Output
4, 5	SG	
6	RXD	Input

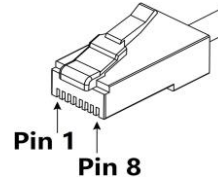
### 1G/10GBaseSFP+

The 5236TG28 offers four 10 Gigabit SFP+ ports. The corresponding indicators for these 4 ports are TE1~TE4. When in use, insert an SFP+ optical module into the port, and then connect it to other Ethernet devices through optical fiber.

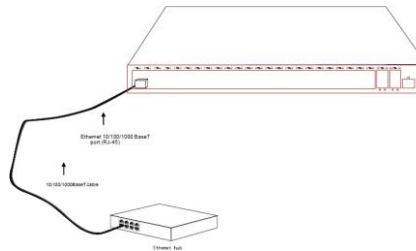


### Gigabit Ethernet

The 5236TG28 provides 8 Gigabit Ethernet Combo ports, and 16 GSFP ports. The port indicators are corresponding to 1-24, which are used to indicate the Link/ACT status of the ports. When in use, the UTP network cable can be connected to other Ethernet devices. The pins number of the UTP port are the same as that of the CLI port (monitor port).



Since the Gigabit Ethernet RJ45 port of the 8 Combo ports on the switch support MDI/MDIX self-identification for cables, Cat 5 network cables can be used when connecting the switch to other Ethernet devices.



### Gigabit RJ45 Pins

Pin	Name
1	TP0+
2	TP0-
3	TP1+
4	TP2+
5	TP2-
6	TP1-
7	TP3+
8	TP3-

## • 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

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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.