



Innovating for a promising tomorrow

**24 Gigabit PoE +
2 Gigabit Uplink +
2 SFP Port**

T38269-A





About

Trueview is a rising name in the security and surveillance industry, committed to delivering a reliable and advanced product range designed to streamline and enhance the security of any premises—big or small.

Founded with the vision of empowering individuals and communities with smarter safety solutions, and stands for trust, innovation, and accessibility. With a focus on cutting-edge technology and user-friendly design, the brand continues to make remarkable strides in creating a safer and more secure world, standing confidently alongside international industry leaders.



System Overview

Most of the products are integrated with Power over Ethernet (PoE) technology, enabling simplified installation and maintenance. In the event of any issues, troubleshooting becomes easier and more efficient through a PoE switch, which significantly enhances system reliability and performance.

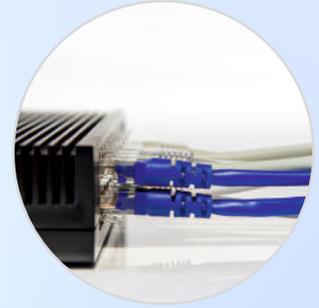
Product Overview

The T38269 AI PoE Switch delivers high-speed Gigabit networking and PoE power for IP cameras, wireless access points, and other PoE-enabled devices. It features 24 Gigabit PoE ports, 2 Gigabit uplink ports, and 2 SFP slots for flexible fiber connectivity. Supporting up to 30W per port with a 300W total PoE budget, it offers long-distance PoE transmission up to 250m and an AI self-healing mode to automatically restore connectivity for unresponsive devices. The toggle mode switch allows VLAN isolation, long-distance mode, and watchdog activation without downtime. Designed with a fanless, silent, and durable metal housing, it's ideal for large-scale surveillance and networking projects.



• Key Feature

- 24 × 10/100/1000 Mbps PoE Ports + 2 × 10/100/1000 Mbps Gigabit Uplink Ports + 2 × 1000 Mbps SFP Slots
- Compliant with IEEE 802.3af / IEEE 802.3at PoE standards
- AI self-healing mode (Watchdog) for automatic device recovery
- Network storm control and VLAN function for stable network operation
- Toggle switch function for mode change without powering off
- Extended PoE range up to 250m (with PoE power)
- All ports support MDI/MDIX auto flip and auto-negotiation
- Built-in power supply for easy deployment
- Maximum PoE per port: 30W
- Total PoE budget: 300W
- Store-and-forward architecture for reliable transmission

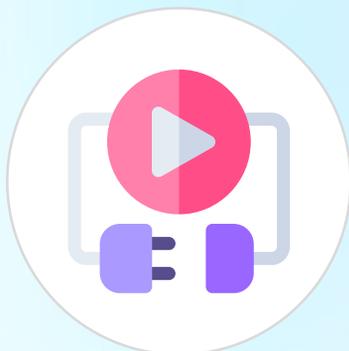


Reliable Connectivity

PoE switches are designed to deliver high-performance networking with flexible installation options, ensuring reliable connectivity and efficient power delivery across all PoE-enabled devices.

High-Speed Switching

PoE Switches are engineered to deliver high-speed data forwarding with full wire-speed performance across all ports. This enables simultaneous data transmission without packet loss, ensuring smooth, uninterrupted, and reliable network communication—even under heavy traffic conditions.



Plug & Play Setup

PoE Switches are designed for simple, plug-and-play installation—no configuration required. With exceptional performance and build quality, these AI-powered PoE switches are an ideal choice for expanding both home and office networks effortlessly.

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24 Gigabit PoE + 2 Gigabit Uplink + 2 SFP Port



Technical Specifications

Power	
Power Input	AC 100V-240V 50 / 60Hz, 1A
Power Consumption	Standby <4W, Full load <300W
Total PoE Budget	300W (52V DC)
Ports	
PoE Ethernet Ports	24 × 10 / 100 / 1000 Mbps (Ports 1-24)
Uplink Ports	2 × 10 / 100 / 1000 Mbps RJ45
SFP Port	2 × 1000 Mbps SFP
Watchdog	Available on PoE Ports 1-24
Transmission	
Transmission Distance (PoE)	100 Mbps : 0-100m 10 Mbps : up to 250m
Transmission Distance (Uplink)	0-100m
SFP Transmission Distance	Depends on optical module (20km...100km)
Transmission Medium	Cat3 / Cat4 / Cat5 / Cat5e / Cat6 UTP
Switch Performance	
Network Standard	IEEE 802.3, 802.3i, 802.3u, 802.3ab, 802.3z, 802.3x
Switching Capacity	56 Gbps
Packet Buffer Memory	4 Mbit
Throughput	41.664 Mpps
MAC Table	8K entries
Packet Forwarding Rate	10 Mbps : 14,880 pps / port, 100 Mbps : 148,800 pps / port 1000 Mbps : 1,488,000 pps / port
PoE	
PoE Standard	IEEE 802.3af / IEEE 802.3at
PoE Power Supply Method	1 / 2 / 3 / 6 (+) and 4 / 5 / 7 / 8 (-), 8-core power supply
PoE Output Power	Max 30W per port
Functions	
Special Features	Watchdog (AI self-healing), Long-distance mode (250m), VLAN support, MAC auto-learning / aging

LED Indicators	
Indicators	Indicators Link / Activity, Speed, PoE, Power, DIP Mode (Extend)
Environmental	
Lightning / Surge Protection	4KV
Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 75°C
Humidity	5%-90% (Operating), 5%-95% (Storage), non-condensing
Mechanical	
Dimensions (L×W×H)	440 × 192 × 45 mm
Weight	2.35 kg
Color	Black
Installation	Desktop / Wall-mounted

