



MEGANet Gigabit PoE Managed Switch I 8-Port I Commercial

The MEGANet 8-Port Gigabit PoE Managed Commercial Switch delivers high performance and flexibility for modern networks. It features 8x 10/100/1000Mbps PoE+ ports and 2x SFP uplinks, providing reliable connectivity for a variety of applications. With a total PoE power budget of 180W and comprehensive Layer 2 management features, this commercial switch is ideal for powering security systems, video monitoring, and other demanding network solutions — ensuring stable performance and seamless integration

Features

- Commercial rated device
- 8 x 10/100/1000M PoE+ RJ45 Ports – Max 30W per port
- 2 x Gigabit SFP Uplinks – High-speed connectivity
- 200W Power Supply – 180W PoE budget for devices
- Layer 2 Features – QoS, VLAN, Multicast, PoE management
- Flexible Installation – Rack-mount or desktop
- Ring Functionality – MSTP & ERPS
- Temperature Range – -10°C to 50°C



Applications

- Small to Medium Enterprise Networks
- Retail Environments
- Small Office (SOHO) Networks
- IP Surveillance Systems

Standard Compliance

- IEEE 802.3af/at
- IEEE 802.3ab
- IEEE 802.3u
- IEEE 802.3az
- IEEE 802.1Q
- RoHS
- CE, UL(US) Compliant

Warranty

- 2-year limited warranty covering defects in materials or workmanship; excludes improper use, improper installation, natural disasters, and liability is limited to repair or replacement only

Technical Specifications

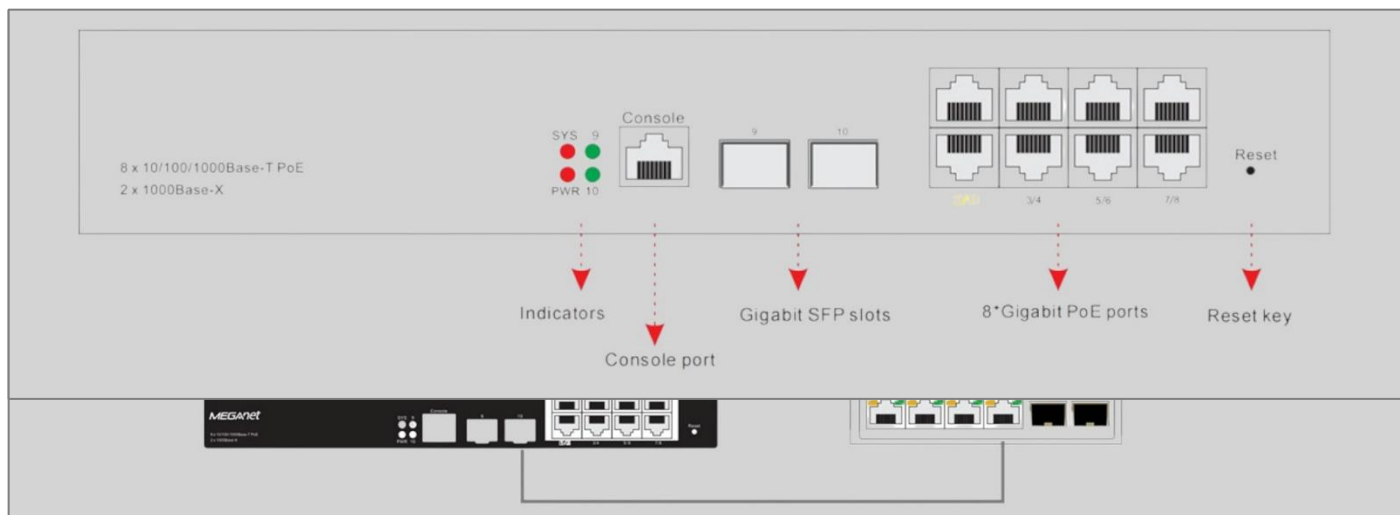
Description	Value
Power Supply	AC 100~240V I 50/60Hz
Power Consumption	Self-consumption < 20W I PoE output 180W max
Downlink Ports	8x 10/100/1000M PoE+ RJ45 I (IEEE 802.3af/at)
Uplink Ports	2x 1.25G SFP
Switching Capacity	20Gbps
Throughput	14.88Mbps
MAC Address Table	8K entries
Buffer Size	1MB
Surge Protection	6KV
ESD Protection	6KV contact / 8KV air
Working Temperature	-10°C to 50°C
Humidity	0% to 95% non-condensing
Dimensions (L x W x H)	270mm x 180mm x 44mm
Weight	800g
Material	Metal
Colour	Black



Software Features

- Management Interfaces: Web-based GUI and CLI
- User & Safe Management: Configurable system settings, SNMP, telnet, and SSH
- Port Configuration: Supports port trunking, mirroring, flow control, and rate limiting
- VLAN Support: Up to 4094 VLANs, QinQ VLAN mapping, and voice VLAN
- QoS (Quality of Service): Port-based, COS-based, and DSCP-based QoS; WRR, SP, WFQ scheduling modes
- Security Features: MAC binding, DHCP snooping, ACL configuration
- PoE Management: Power control per port, PoE scheduling, PD query

Panel Diagram



Ordering Information

Product Code	Description
A-BT10-B00450	MEGANet Switch Commercial L2 Managed 8 x 10/100/1000 PoE+ 2 x 1Gbps SFP Slot 180W

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