

### MEGANet Gigabit PoE Managed Switch I 24-Port I Commercial

The MEGANet 24-Port Gigabit PoE Commercial Switch delivers high performance and flexibility for modern networks. It features 24x 10/100/1000Mbps PoE+ ports and 4x SFP uplinks, providing reliable connectivity for a wide range of applications. With a total PoE power budget of 390W 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
- 24 × 10/100/1000M PoE+ RJ45 Ports – Max 30W per port
- 4 × Gigabit SFP Uplinks – High-speed connectivity
- 410W Power Supply – 390W PoE budget for devices
- Layer 2 Management – QoS, VLAN, Multicast, PoE
- Protection – 6KV surge, 6KV contact / 8KV air ESD
- Flexible Install – Rack-mount or desktop
- Ring Functionality – MSTP & ERPS
- Temperature Range – -10°C to 50°C



#### Applications

- Enterprise LAN's
- Campus Networks
- Retail and Hospitality 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

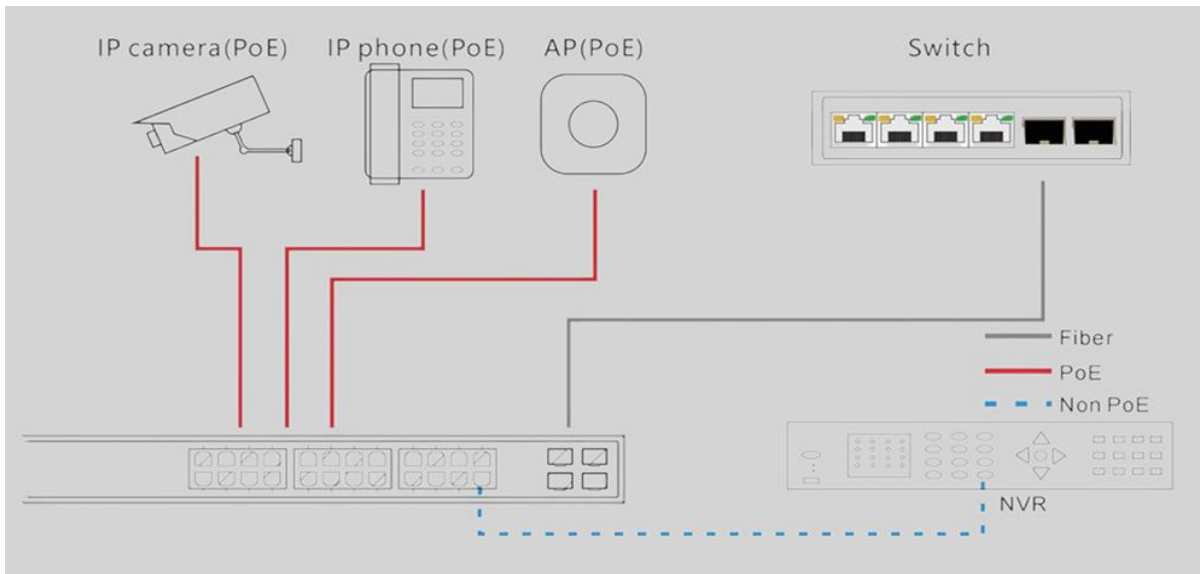
- 2-year limited warranty covering defects in materials or workmanship; excludes improper use, improper installation, natural disasters, and liability is limited to repair or replacement only

#### Technical Specifications

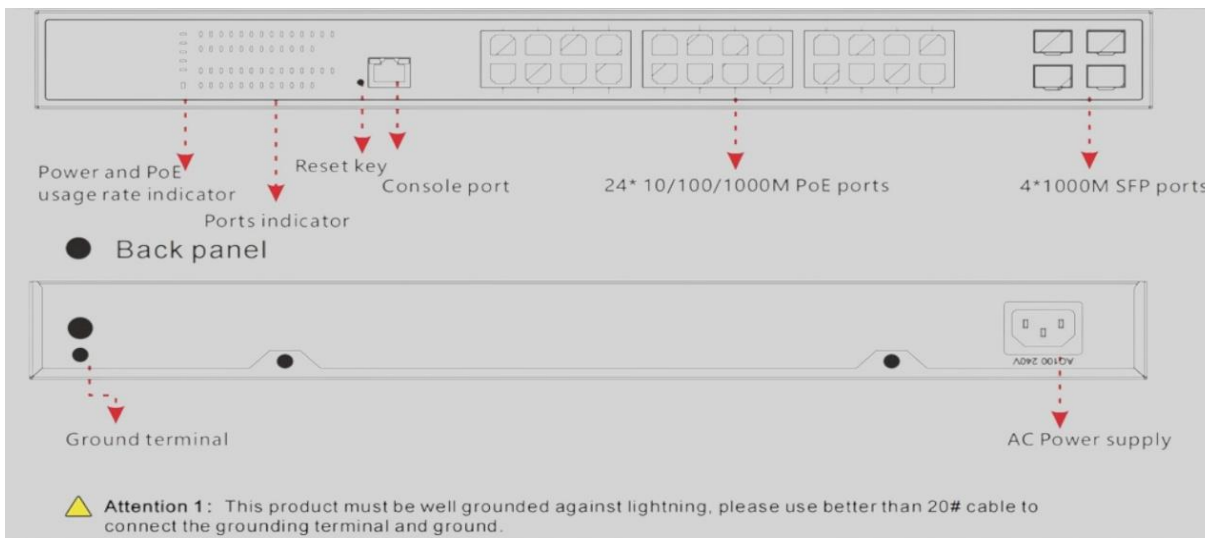
Description	Value
Power Supply	AC 100~240V I 50/60Hz
Power Consumption	Self-consumption < 20W I PoE output 390W max
Downlink Ports	24x 10/100/1000M PoE+ RJ45 (IEEE 802.3af/at)
Uplink Ports	4x 1.25G SFP
Switching Capacity	56Gbps
Throughput	41.66Mpps
MAC Address Table	16K entries
Buffer Size	4MB
Surge 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)	442mm x 285mm x 44mm
Weight	4kg
Material	Metal
Colour	Black

### Software Features

- Management Interfaces: Web-based GUI and CLI
- User & Safe Management: Configuration options for system settings, user management, SNMP, telnet, and SSH
- Port Configuration: Supports port trunking, port mirroring, flow control, storm control, and QoS
- VLAN: Supports up to 4094 VLANs, voice VLAN, and QinQ VLAN mapping
- LACP: Link Aggregation Control Protocol with trunk methods based on MAC or IP addresses
- Security Features: MAC binding, port security, DHCP snooping, and ACL configuration
- QoS: Port-based, COS-based, and DSCP-based QoS; QoS scheduling modes (WRR, SP, WFQ)
- PoE Management: Power control per port, PoE scheduling, and PD query



### Panel Diagram



### Ordering Information

Product Code	Description
A-BT10-B00500	MEGANet Switch   Commercial   L2   Managed   24x 10/100/1000 PoE+   4x 1Gbps SFP Slot   390W

V 2025/09