

MPN: ELECTRA-M224-1GB-370W

28-Port Gigabit Managed Layer 2+ PoE Switch, 24 Gigabit ports, 4 Gigabit SFP, 4 Gigabit RJ45, 1 Console port. PoE 370W

Ernitec 28-Port Managed PoE Switch

Elevate Your Network with the Ernitec 28-Port Managed PoE Switch

The Ernitec 28-Port Managed PoE Switch is designed to meet the demands of modern networking, providing robust features and compliance with key industry standards.



This switch is perfect for businesses looking to enhance their network infrastructure with reliability and efficiency.

Key Features:

Standards Compliance: Fully compliant with IEEE 802.1d, 802.1w, 802.1s, 802.1p, 802.3, 802.3u, 802.3x, 802.3z, and 802.3ab standards, ensuring compatibility and performance across various network environments.

Advanced Network Management:

Supports DHCP Server, Quality of Service (QoS), Access Control Lists (ACL), and SNMP (v1/v2/v3). Additionally, it features IGMP Snooping (v1/v2) for efficient multicast traffic management.

Power over Ethernet (PoE) Features:

Equipped with a PoE watchdog, this switch allows for power supply management and configuration, along with PoE time management to optimize power usage.

Robust Protocol Support:

Supports Spanning Tree Protocol (STP/RSTP/MSTP) for loop detection and self-healing capabilities, ensuring a resilient network.

Remote Monitoring and Control:

Enables remote loopback monitoring and control (802.3ah OAM), enhancing network management capabilities.

Flexible VLAN Support:

Supports multiple VLAN partitions, including MAC VLAN and protocol VLAN, allowing for efficient network segmentation.

Enhanced Security Features:

Offers IP address, MAC address, VLAN, and port binding, along with DHCP Snooping and IP source and DAI protection to safeguard your network.

User-Friendly Management Options:

Manage your network effortlessly via WEB, TELNET, CLI, SSH, SNMP, and RMON, providing flexibility and ease of use.

PoE Compatibility:

Compatible with IEEE 802.3at (30W) and IEEE 802.3af (15.4W), making it suitable for a wide range of PoE devices.



The Ernitec 28-Port Managed PoE Switch is your go-to solution for a secure, efficient, and scalable networking experience, tailored to meet the needs of today's enterprises.

- Complies with IEEE 802.1d, IEEE 802.1w, IEEE 802.1s, IEEE 802.1p, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab standards
- Supports DHCP Server, QoS, ACL control, supports SNMP V1/V2/V3, supports IGMP Snooping v1/v2;
- Support PoE watchdog, PoE port power supply and power configuration, PoE time management;
- Supports Spanning Tree Protocol STP/RSTP/MSTP, supports loop detection and self-healing
- Support remote loopback monitoring and control (802.3ah OAM)
- Support multiple VLAN partitions, including MAC VLAN, protocol VLAN;
- Supports IP address+MAC address+VLAN+port binding, supports DHCP Snooping, Supports IP source and DAI protection;
- Supports WEB, TELNET, CLI, SSH, SNMP, RMON management
- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4W)
- 5 Year Warranty

Specifications

| | | |
|----------------------------|-----------------------------|--------------------------|
| Certificates | NDAA Compliance | Yes |
| Data transmission | Jumbo frames support | Yes |
| | MAC address table | 8000 entries |
| | Packet forwarding | Yes |
| | Switching capacity | 56 Gbit/s |
| Design | Housing material | Metal |
| | LED indicators | Data, Power, System, PoE |
| | Number of fans | 0 fan(s) |
| | On/off switch | No |
| | Rack mounting | Yes |
| | Reset button | Yes |
| | RoHS compliance | Yes |
| Management features | Switch layer | L2/L2+ |
| | Switch type | Managed |
| | Web-based management | Yes |
| Network | Flow control support | Yes |
| | Full duplex | Yes |
| | Half duplex | Yes |
| | IP routing | Yes |

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| Network | Networking standards | IEEE 802.3U, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3z, IEEE 802.3, IEEE 802.3az, IEEE 802.3ad, IEEE 802.1ab, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.1q, IEEE 802.1p, IEEE 802.1x |
| | Number of VLANs | 256 |
| Operational conditions | Operating temperature (T-T) | 0-40 °C |
| Other features | Material | Metal |
| Packaging data | Manual | Yes |
| | Mounting brackets included | Yes |
| | Screws included | Yes |
| Performance | Fanless | Yes |
| | Telnet | Yes |
| Ports & interfaces | Basic switching RJ-45 Ethernet ports quantity | 24 |
| | Basic switching RJ-45 Ethernet ports type | Gigabit Ethernet (10/100/1000) |
| | Combo SFP ports quantity | 4 |
| | Console port | RJ-45 |
| | Number of management ports | 32 pc(s) |
| | SFP/SFP+ slots quantity | 4 |
| Power | AC input voltage | 100-240 V |
| Power over Ethernet (PoE) | Power over Ethernet (PoE) | Yes |
| | Power over Ethernet (PoE) ports quantity | 24 |
| | Power over Ethernet (PoE) power per port | 15.4 W |
| | Power over Ethernet (PoE) type supported | PoE+ |
| | Power over Ethernet plus (PoE+) ports quantity | 15 |
| | Total Power over Ethernet (PoE) budget | 370 W |
| Technical details | Warranty period | 5 year(s) |
| Vendor information | Brand Name | Ernitec |
| | Homepage | http://www.ernitec.com |
| | Warranty | 5 Year(s) |

Other images

