

MPN: ELECTRA-M232-1GB-460W

36-Port Gigabit Managed Layer 3 PoE Switch, 32 Gigabit ports, 4 10 Gigabit SFP+, 1 Console port, 460W

Ernitec 36-Port Managed PoE Switch

Elevate Your Network with the Ernitec 36-Port Managed PoE Switch

The Ernitec 36-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:

Please note that specifications are subject to change without prior notice.

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

The Ernitec 36-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	NDA 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	L3
	Switch type	Managed
	Web-based management	Yes
Network	10G support	Yes
	Flow control support	Yes
	Full duplex	Yes
	Half duplex	Yes
	IP routing	Yes

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	32
	Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
	Combo SFP ports quantity	4
	Console port	RJ-45
	Installed SFP modules quantity	4
	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	460 W
Technical details	Warranty period	5 year(s)
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)