

ernitec

## Ernitec ELECTRA-M248-1GB-800W network switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black



**Brand :** Ernitec

**Product code:** ELECTRA-M248-1GB-800W

**Product name :** ELECTRA-M248-1GB-800W

48-Port Gigabit and 4-Port 10G SFP+ Managed L3 PoE Switch, 1-Console Port, PoE 800W

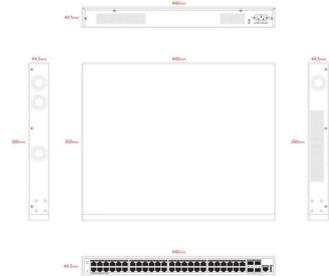
[Ernitec ELECTRA-M248-1GB-800W network switch Managed L3 Gigabit Ethernet \(10/100/1000\) Power over Ethernet \(PoE\) Black:](#)

This device is compliant with IEEE standards 802.1d, 802.1w, 802.1s, 802.1p, 802.3, 802.3u, 802.3x, 802.3z, 802.3ab, and 802.3ae.

It offers L3 management, DHCP Server support, QoS, ACL control, and SNMP V1/V2/V3 compatibility. It also supports IGMP Snooping v1/v2, Spanning Tree Protocol STP/RSTP/MSTP (ERPS), loop detection and self-healing, as well as remote loopback monitoring and control (802.3ah OAM).

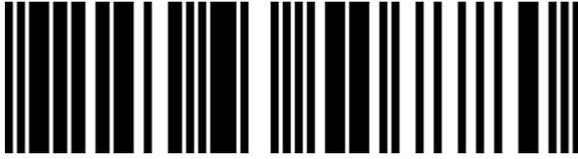
The device supports multiple VLAN partitions, including MAC VLAN and protocol VLAN, and features IP address+MAC address+VLAN+port binding, DHCP Snooping, and IP source and DAI protection. It supports IPV4/IPV6, RIP v1/v2, OSPF v2, and offers management via WEB, TELNET, CLI, SSH, SNMP, and RMON.

It is compatible with IEEE802.3af (15.4W), IEEE802.3at (30W), and IEEE802.3bt (90W) standards. Additionally, it supports PoE watchdog, PoE port power supply and power configuration, and PoE time management.



Management features		Performance	
Switch type *	Managed	Firmware upgradeable	✓
Switch layer	L3	Telnet	✓
<b>Ports &amp; interfaces</b>		Fanless	✗
Basic switching RJ-45 Ethernet ports quantity *	48	<b>Power</b>	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	AC input frequency	50/60 Hz
SFP/SFP+ slots quantity	4	Surge protection	✓
Number of management ports	52 pc(s)	Surge protection voltage	6 kV
Fiber ports quantity	4	<b>Power over Ethernet (PoE)</b>	
Console port	RJ-45	Power over Ethernet (PoE) *	✓
USB 2.0 ports quantity	1	Power over Ethernet (PoE) type supported	PoE+
Power connector	AC/DC	Power over Ethernet (PoE) ports quantity	48
<b>Network</b>		Power over Ethernet plus (PoE+) ports quantity	26
Networking standards *	IEEE 802.3	Power over Ethernet 4PPoE (PoE++) ports quantity	8
10G support *	✓	Power over Ethernet (PoE) power per port	15.4 W
Port mirroring	✓	Total Power over Ethernet (PoE) budget	800 W
Flow control support	✓	<b>Other features</b>	
Link aggregation	✓	Material	Metal
Number of VLANs	4000	<b>Operational conditions</b>	
<b>Data transmission</b>		Operating temperature (T-T)	0 - 40 °C
Switching capacity *	176 Gbit/s	<b>Weight &amp; dimensions</b>	
Forwarding rate	131 Mpps	Width	440 mm
MAC address table *	32000 entries	Depth	360 mm
Store-and-forward	✓	Height	44.5 mm
Jumbo frames support	✓	Weight	5.9 kg
<b>Security</b>			
MAC address filtering	✓		
MAC address entries	Dynamic MAC address entries		

Multicast features		Packaging content	
Multicast support	✓	Cables included	AC
Design		Manual	✓
Rack mounting *	✓	Packaging data	
Product colour	Black	Mounting brackets included	✓
Housing material	Metal	Package width	580 mm
Reset button	✓	Package depth	440 mm
LED indicators	Power	Package height	120 mm
Number of fans	4 fan(s)	Package weight	7.19 kg



5715063507780

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.