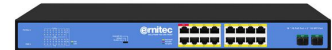


MPN: ELECTRA-U16-1GB-285W

18-Port Gigabit Unmanaged Intelligent PoE Switch, 16 PoE Gigabit RJ45 ports, 2 Gigabit SFP ports. PoE 285W

Electra-U16-1GB-285W, a state-of-the-art Gigabit PoE switch designed for high-performance networking.

This intelligent switch features 16 Gigabit PoE ports and 2 Gigabit uplink SFP ports, compliant with IEEE 802.3af/at standards.



With a robust bandwidth of 36 Gbps and a total power output of 285W, it efficiently supports advanced networking applications.

Equipped with port isolation and a 250m transmission mode, theElectra-U16-1GB-285W is ideal for diverse installations.

Engineered to operate in a wide temperature range of -10 to 50°C, this switch also includes advanced surge protection (Common Mode 4KV, Differential Mode 2KV - Class B) and ESD protection levels (Air 8KV, Contact 6KV - Class C), ensuring reliable performance in challenging environments.

- 16*1Gbps PoE ports+2*1Gbps SFP ports
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
- Ethernet Ports support 10/100/1000Mbps self-adaptive
- Support automatic port flipping (Auto MDI/MDIX)
- Adopt a storage and forwarding exchange mechanism
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Support three modes: VLAN, Default, and Extend
- PoE priority is enabled by default, with priority order from 1 to 14 ports
- Port 1 supports HiPoE 60W
- 5 Year Warranty

Specifications

Certificates	NDA Compliance	Yes
Data transmission	Forwarding rate	26.784 Mpps
	MAC address table	8000 entries
	Store-and-forward	Yes
	Switching capacity	36 Gbit/s
Design	Housing material	Metal
	LED indicators	Power, Data, LINK
	Number of fans	0 fan(s)
	RoHS compliance	Yes
Management features	Switch type	Unmanaged
Network	Flow control support	Yes
	Full duplex	Yes

Network	Half duplex	Yes
	Networking standards	IEEE 802.3U, IEEE 802.3ab, IEEE 802.3, IEEE 802.3z, IEEE 802.3x
	VLAN support	Yes
Operational conditions	Operating temperature (T-T)	0-40 °C
Other features	Mounting	Desktop, rack mounting
	Power LED	Yes
Packaging data	Cables included	Power
Performance	Fanless	Yes
Ports & interfaces	Basic switching RJ-45 Ethernet ports quantity	16
	Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
	Installed SFP modules quantity	2
	Uplink ports quantity	2
Power	AC input frequency	50/60 Hz
	AC input voltage	100-240 V
	Power consumption (max)	6.5 W
	Surge protection	Yes
	Surge protection voltage	4 kV
Power over Ethernet (PoE)	Power over Ethernet (PoE)	Yes
	Power over Ethernet (PoE) ports quantity	16
	Power over Ethernet (PoE) power per port	15.4 W
	Power over Ethernet (PoE) type supported	PoE+
	Total Power over Ethernet (PoE) budget	285 W
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)

Other images

