



ES 0812-31 - Managed Network Switch, 8 PoE+ Ports + 1 GB Port RJ45/SFP

Features

- 8 x PoE+ ports with up to 30W / port (130 W total PoE power)
- 1 x 1 GB uplink port, RJ45 or SFP
- Automatic speed detection
- Short circuit, overload and surge protection
- Configuration via web browser

Technical data	
Ports	8 x RJ45 10/100 Mbit/s, PoE+ 802.3at /802.3af 1 x 10/100/1000 MBit/s, RJ45or SFP
PoE power	30W / Port max., 130W total power for all ports
Standards	IEEE 802.1d (Spanning Tree Protocol) IEEE 802.1p (Traffic Prioritization) IEEE 802.1q (VLAN Tagging) IEEE 802.1w (Rapid Spanning Tree Protocol) IEEE 802.3ad (Link Aggregation) IEEE 802.3ab (Twisted Pair Gigabit Ethernet) IEEE 802.3ad (Link Aggregation Control Protocol LACP) IEEE 802.3af (Power over Ethernet 802.3at Type 1) IEEE 802.3at (Power over Ethernet 802.3at Type 2) IEEE 802.3 (10Base-T Ethernet) IEEE 802.3u (100Base-TX Fast Ethernet) IEEE 802.3z (1000BaseSX/LX) IEEE 802.3x (Flow Control, for full duplex mode)
Supported media	10Base-T Cat3, 4, 5 UTP/STP RJ-45 100Base-TX Cat5 UTP/STP RJ-45 1000Base-T Cat5e UTP/STP RJ-45 (1000MBit/sports only)
Filtering / forwarding rates	1.488.000 pps (1.000 Mbps) / 148.800 pps (100 Mbps) / 14.880 pps (10 Mbps)
Backplane rate	5,6 Gbit/s
Port connection rate	10 Mbit/s, 100 Mbit/s, 1000* Mbit/s or auto negotiation (*1000MBit/s ports only)
Switch technology	Store and forward
Buffer memory	2,75 Mbit
MAC address	4K
Functions	- PoE on/off per port - Flow Control on/off per port - VLAN (Port based:10, Tagged based:32, VID: 1~4094) - Bandwidth Control - Port Mirroring - Broadcast Storm Control - IGMP Snooping v1/v2C - Quality of Service (QoS): 802.1p / DSCP / TOS Preference / TCP/UDP - SNMPv1/v2c (Simple Network Management Protocol) - LAN settings (IP address, gateway, etc.) - Link Aggregation LACP - Spanning Tree: STP / RSTP / Tagged based - Full / half duplex - IEEE 802.3x Flow control for full duplex - Auto-MDI/MDI-X and NWay auto negotiation for all ports - Automatic IEEE 802.3at/af detection as well as short circuit, overload and surge protection
Display	LEDs: PoE, power, link / activity
Power source	100~240 VAC, 50/60 Hz
Power consumption	150 W max.
Casing	Steel, black
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	266 x 44 x 160 mm
Weight	1,8 kg

Ordering information

ES812-31	Managed Network Switch 8 Port PoE+ / 1 GB Port
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