![LevelOne logo]

LevelOne 8-Port Fast Ethernet PoE Switch, 802.3at/af PoE, 4 PoE Outputs, 65W

Brand : LevelOne

Product code: FEP-0812

Product name : 8-Port Fast Ethernet PoE Switch, 802.3at/af PoE, 4 PoE Outputs, 65W

8 x 10/100Base-TX RJ-45, 65W, 1.6Gbps, 1K MAC, IEEE 802.3/u/x/af/at
LevelOne 8-Port Fast Ethernet PoE Switch, 802.3at/af PoE, 4 PoE Outputs, 65W. Basic switching RJ-45
Ethernet ports type: Fast Ethernet (10/100), Basic switching RJ-45 Ethernet ports quantity: 8. Full duplex.
MAC address table: 1024 entries, Switching capacity: 1.6 Gbit/s. Networking standards: IEEE 802.3, IEEE
802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x. Power over Ethernet (PoE). Rack mounting

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	8
Basic switching RJ-45 Ethernet ports type *	Fast Ethernet (10/100)

Network

Networking standards *	IEEE 802.3, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x
10G support *	✘
Copper ethernet cabling technology	10BASE-T, 100BASE-TX
Full duplex	✔
Flow control support	✔
Auto MDI/MDI-X	✔
Auto-negotiation	✔

Data transmission

Switching capacity *	1.6 Gbit/s
Forwarding rate	0.1488 Mpps
MAC address table *	1024 entries
Store-and-forward	✔
Packet forwarding rate (100 Mbps)	148000 pps
Packet forwarding rate (10 Mbps)	14880 pps

Multicast features

Multicast MAC address table	1000 entries

Design

Rack mounting *	✔
Stackable *	✘
Product colour	Black
Housing material	Metal
LED indicators	Activity, LAN, PoE, Power

Performance

Buffer size	64 KB
Plug and Play	✔

Power

AC input frequency	50 - 60 Hz
Power consumption (typical)	65 W
Power protection features	Over current, Short circuit

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	4
Power over Ethernet (PoE) power per port	30 W
Total Power over Ethernet (PoE) budget	65 W

Operational conditions

Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	10 - 90%

Weight & dimensions

Width	122 mm
Depth	44 mm
Height	160 mm
Weight	800 g

Packaging content

Cables included	AC
Quick start guide	✔

Packaging data

Package type	Box
Package width	145 mm
Package depth	80 mm
Package height	235 mm
Package weight	1.1 kg

Certificates

Certification	FCC, CE, RoHS

Power		Logistics data	
Power supply included *	✔	Country of origin	China
AC input voltage	100 - 240 V	Harmonized System (HS) code	85176990

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