# DATASHEET

## 6-Port Fast Ethernet 4-Port PoE 802.3af/at










### General data

IEEE 802.3af/at PoE compliant to simplify deployment and installation
Supports port-based VLAN
Transmission distance of up to 250 m at a data rate of 10 Mbps
Automatic detection and protection of non-standard PoE devices
IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
Total PoE power budget: 60 W, up to 30 W per port
PoE auto-check function

The LevelOne FEP-0631 is a Fast Ethernet PoE switch with a total of 6 ports, two of which are available as uplink ports and 4 ports for Power over Ethernet. A power output of up to 30W is possible per PoE port. The total PoE power budget is 60W. Distances of up to 250m at 10Mbps are supported. It is the ideal solution when users use a combination of PoE and non-PoE devices. The four PoE-capable ports of the FEP-0631 make it the ideal solution for using PoE-capable devices. This can be a mix of PoE IP phones, PoE Wifi APs and PoE IP cams. It is the perfect solution for environments that want to upgrade their devices and LAN infrastructure to PoE capability. The switch automatically detects the connected IEEE 802.3at/af standard device and supplies these devices with power and data via a single cable. In addition, the FEP-0631 enables users to provide a stable and reliable high-speed LAN environment with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. The 802.3x flow control mechanisms work in both full and half duplex modes. The device supports the N-Way Auto-Negotiation protocol, which automatically detects the network speed and duplex mode. For immediate error detection, the FEP-0631 is equipped with a series of LEDs that make monitoring and troubleshooting in the network easier.

**This datasheet was created automatically on 10-11-2026 . Technical changes reserved.**

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## 6-Port Fast Ethernet 4-Port PoE 802.3af/at

Port configuration
802.3af/at PoE 4

general
Color: Black

Features
4*10/100M PoE ports and 2*10/100M
Conforming to IEEE 802.3af/at standard, single port PoE power up to 30W

Miscellaneous
Grade Commercial
Data rate Fast Ethernet
PoE Supported Yes
Manageable No
Fanless Yes
Concurrent ports 6.00 ports
PoE power budget 60.00 watts

Others
Approvals and compliance CE/FCC
Operating temperature -10°C ~ 50°C
Storage humidity 0%RH ~ 95%RH
Storage temperature -40°C ~ 85°C

scope of delivery
FEP-0631
Power adapter and power cord
Quick Installation Guide

Physical Specifications
Product weight (kg) 0.340
Dimensions (W x D x H) 135 x 80 x 30 mm

System specifications
Output voltage VDC48-57
Standards IEEE 802.3 10-BASE-T, Ethernet,
IEEE 802.3u 100-BASE-TX, Fast Ethernet,
IEEE 802.3x full-duplex flow control,
IEEE 802.3af Power over Ethernet (PoE),
IEEE 802.3at Power over Ethernet Plus (PoE+)
Power supply VDC48V/1.25A
Pin assignment and polarity 1/2 (+), 3/6 (-)
MAC address table 1K
Indicator Power, Active, 10/100 Mbps, PoE

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## 6-Port Fast Ethernet 4-Port PoE 802.3af/at

Micro switch x 2
Packet buffer 448K
Backplane (Gbit/s) 1.2 Gbps

| Technical properties | |
|---|---|
| 10 Gigabit Ethernet | False |
| Ethernet | True |
| Fast Ethernet | True |
| Gigabit Ethernet | False |
| Manageable | False |
| Manufacturer | LevelOne |
| Mounting method | Surface mounted (plaster) |
| Number of ports PoE | 4 |
| Power over Ethernet (PoE) | 802.3 af (PoE) |

**Available variants**

| ArtNr. | Bezeichnung | Max. PoE power |
|---|---|---|
| FEP-0631 | 6-Port Fast Ethernet 4-Port PoE 802.3af/at | 60 W |

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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