

FEP31004P-AT - PRODUCT DATASHEET

5-PORT POE SWITC WITH 3 POE PORTS

FEP31004P-at switch provides a network point for power supply and data transmission. Uplink port is ethernet interface, among which 1-4 port can provide standard IEEE802.3at power supply. Due the advanced self-sensing algorithm supply power for IEEE802.3af/at terminal unit, there is no need to worry about damaging proprietary PoE or non-PoE standard equipment.

The devices far away from power socket are very suitable for hanging on the wall ore ceiling. It is ideal choice for those want to deploy a small commercial network and home network that use wireless access point (AP) and IP-based surveillance cameras.

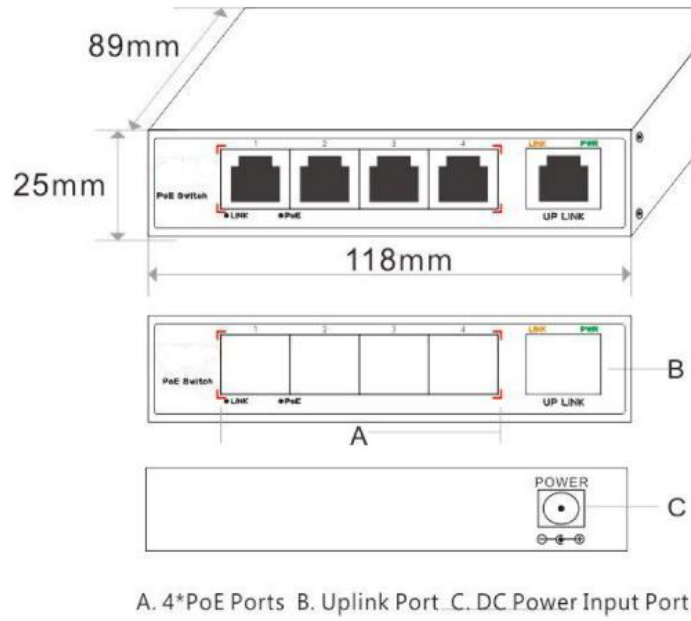


At a Glance

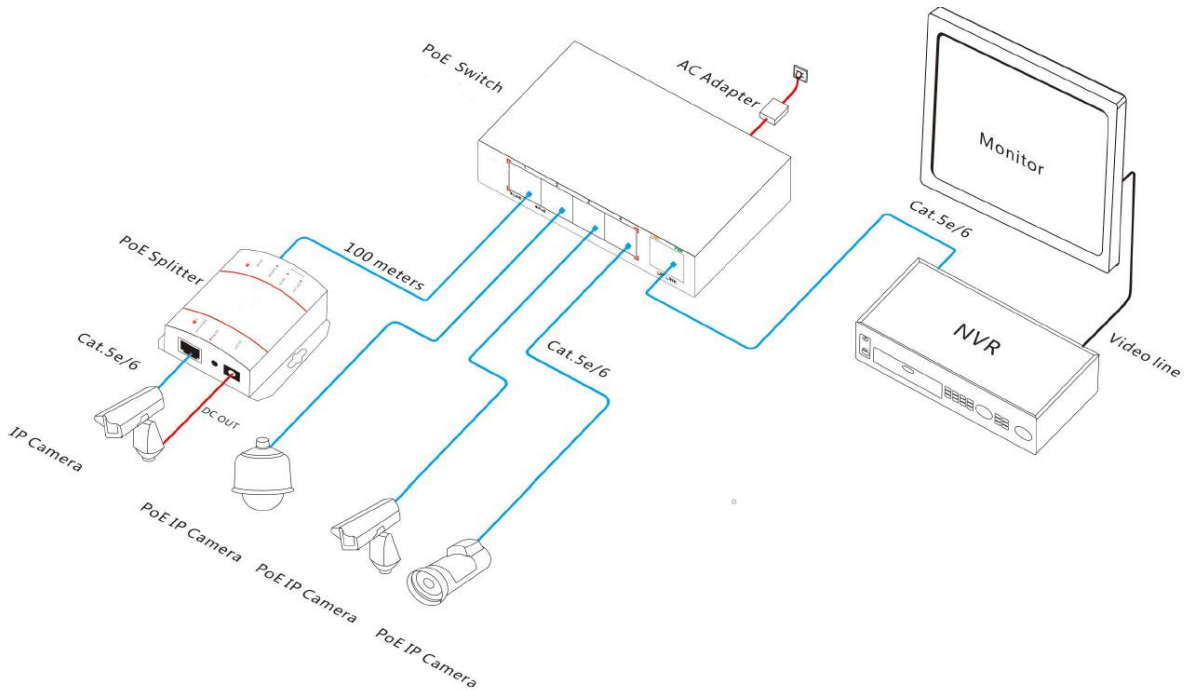
- 5 x 10/100Mbps auto-sensing RJ45 ports, 4 x 10/100Mbps PoE ports, 1 x uplink port
- supports port auto-flip (auto MDI/MIDX)
- External power supply
- Maximum PoE ports power: 110W (port 1 to 4)
- Maximum power of single PoE port: 30W
- Adopts store-and-forward architecture
- IEEE 802.3at/at power on up to 4 ports
- Features fanless, natural cooling, small, compact and quiet design, suitable for desktop or wall
- Built-in 1U rack power supply series, easy to place it into standard mounting brackets
- Anti-spark circuit design, anti-thunder protection, anti-surge circuit, and enhanced protection for the machine

TECHNICAL SPECIFICATION	
NETWORKING	
Protocols	IEEE 802.3i 10BASET, IEEE 802.3u 100BASET, IEEE 802.3ab 1000BASET, IEEE 802.3x flow control, IEEE 802.1af DTE power via MDI, IEEE 802.3at
NETWORK MEDIUM	
10BASE-T	Cat 3, 4, 5 UTP (≤ 100 meters)
100BASE-TX	Cat 5 or more UTP (≤ 100 meters)
PERFORMANCE SPECIFICATIONS	
Bandwidth	1.66 Gbps (non-blocking)
Network latency (100 to 100 Mbps)	Maximum delay less than 20us
Packet buffer memory	768 KB
Forwarding rate	0.74 Mbps
Address database size	1k
MTBF	100 000 hours
Connector	5 x 10/100M copper cable RJ45 ports (all support MDI/MDIX), 4 x PoE ports
Dimensions	118 x 89 x 25 mm
Weight	0.24 kg
ENVIRONMENT	
Operating temperature	-20° ~ 55 °C
Storage temperature	-20° ~ 75 °C
Operating humidity	10% ~ 95%, non-condensing
POWER	
Maximum PoE power	110 W
Max PoE power for each port	30W
Power input	52V/2.15A DC

Product Size:



Product Application:



FREUND ELEKTRONIK A/S, IN COOPERATION WITH ITS SISTER COMPANY FREUND ELEKTRONIKA SARAJEVO, IS DEVELOPING IP-BASED INTERCOM, AUDIO, ACCESS CONTROL AND SMART HOME SOLUTIONS.

WE HAVE MORE THAN 30 YEARS OF EXPERIENCE IN THIS TECHNOLOGY FIELD AS DEVELOPER, MANUFACTURER AND RESALER COMPANY.

IN THE INDUSTRY, WE NEGOTIATE THE MOST INNOVATIVE SOLUTIONS WITHIN BUILDING COMMUNICATION. WE HAVE DAILY FOCUS ON DEVELOPMENT AND USER-FRIENDLINESS AND OUR PRODUCTS HAVE TECHNICAL HIGH QUALITY AND PLEASANT DESIGN.

AS A DEVELOPER AND MANUFACTURER OF OUR OWN IP-INTEGRA SYSTEMS, WE ARE ON TOP OF THE MOST ADVANCED SYSTEMS FOR DOOR TELEPHONY, PUBLIC AUDIO AND ACCESS CONTROL SOLUTIONS.

OUR DEVELOPMENT DEPARTMENT HAVE DEVELOPED, TOGETHER WITH OUR PARTNERS, ELEGANT AND ROBUST DOORPHONES, SIP-CENTRALS, TERMINALS, IP-SPEAKERS, ACCESS CONTROLLERS AND APPLICATIONS WITH INTELLIGENT FEATURES AND THE MOST ADVANCED TECHNOLOGY, BUT AT THE SAME TIME EASY FOR OUR CUSTOMERS TO USE.

FREUND GROUP IS ONE OF THE TOP PROVIDERS ON THE MARKET FOR IP-BASED BUILDING CONTROL AND COMMUNICATION AND RELATED SYSTEMS.