FAST ETHERNET PoE+ SWITCH USER MANUAL

10 Port FastEthernet Switch 8xPoE+ 2xUpLink — USF108P

18 Port FastEthernet Switch 16xPoE+ 2xUpLink — USF1816P

26 Port FastEthernet Switch 24xPoE+ 2xUpLink — USF2624P

6 Port FastEthernet Switch 4xPoE+ 2xUpLink — USF64P
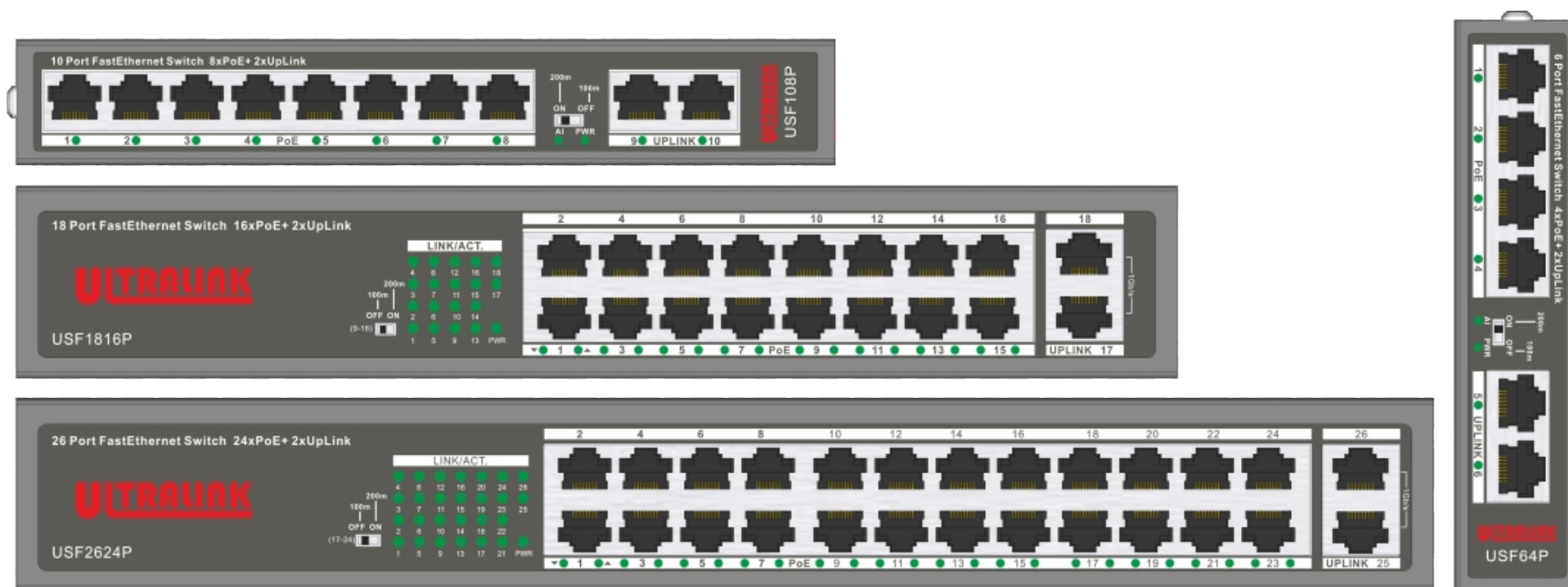
ULTRALINK

Contenst

- PoE Switch (1 pcs.)
- Mounting accessories (for switches >16 ports) (1 set)
- User Manual (1 pcs.)
- Power supply unit (1 pcs.)

Description

The PoE is designed for use with devices comply with the IEEE 802.3af/at standard, providing power and data transmission via an Ethernet cable (Cat. 5 or higher). PoE technology ensures communication between the switch and the connected device, which allows power only standards-compliant equipment, considering the power requirements. Moreover, the switch is equipped with additional functions such as watchdog, VLAN (up to 8 ports models), and a LongRange mode for connecting devices up to 200m away.

Instalation

The equipment should be installed indoors in an environment compatible with the required operating conditions (see table with technical parameters). Before proceeding with installation, a load balance should be calculated to not exceed the available PoE budget.
- Plug the switch into the provided power supply unit
- Plug the power supply unit into the mains
- If the LongRange mode is to be active - restart the device aher each status change
- Plug the Ethernet cables
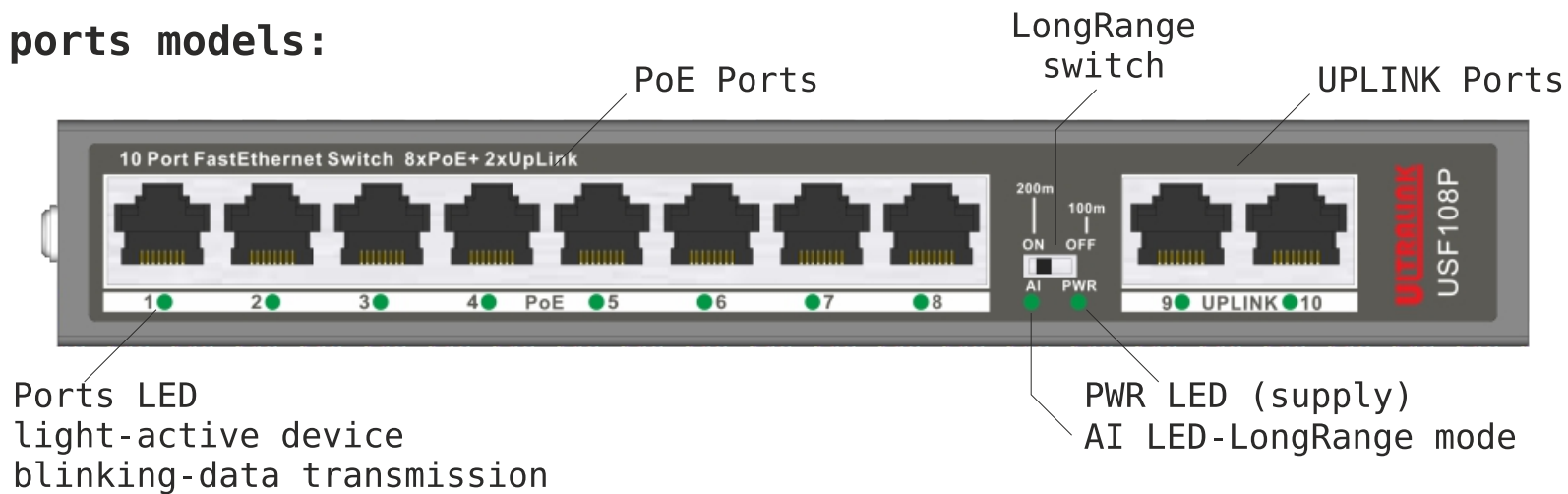- Check device operation and optical indication

Maintenance

The device does not require any special maintenance, but in the event of significant dust, it is only recommended to blowing by compressed air.
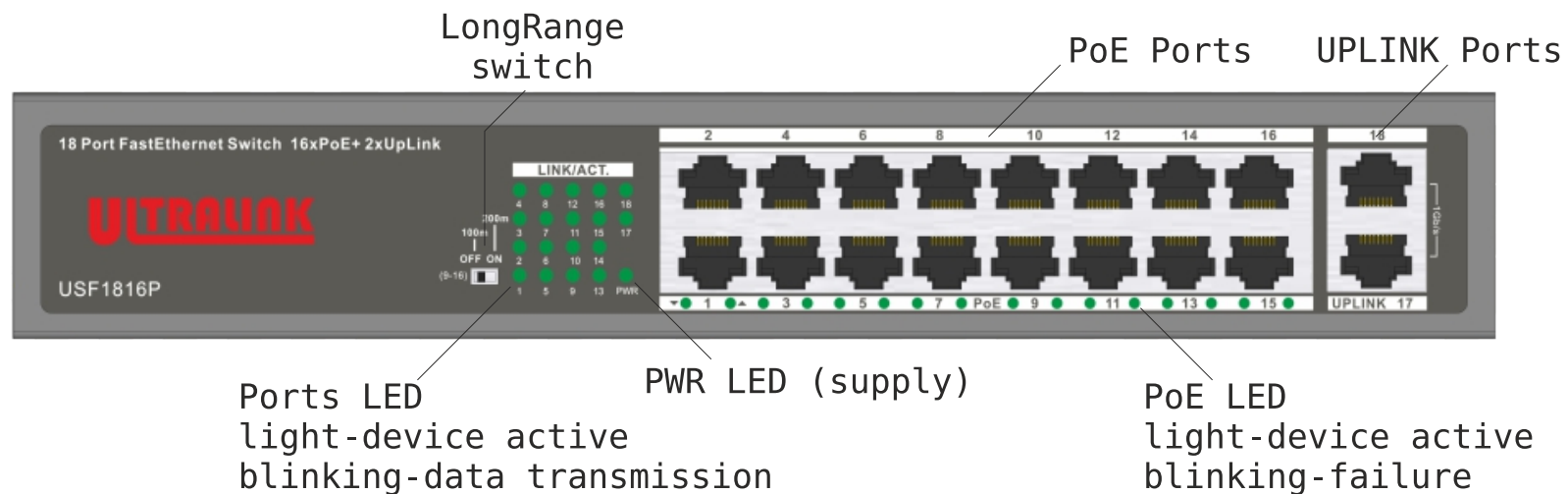
Technical parameters

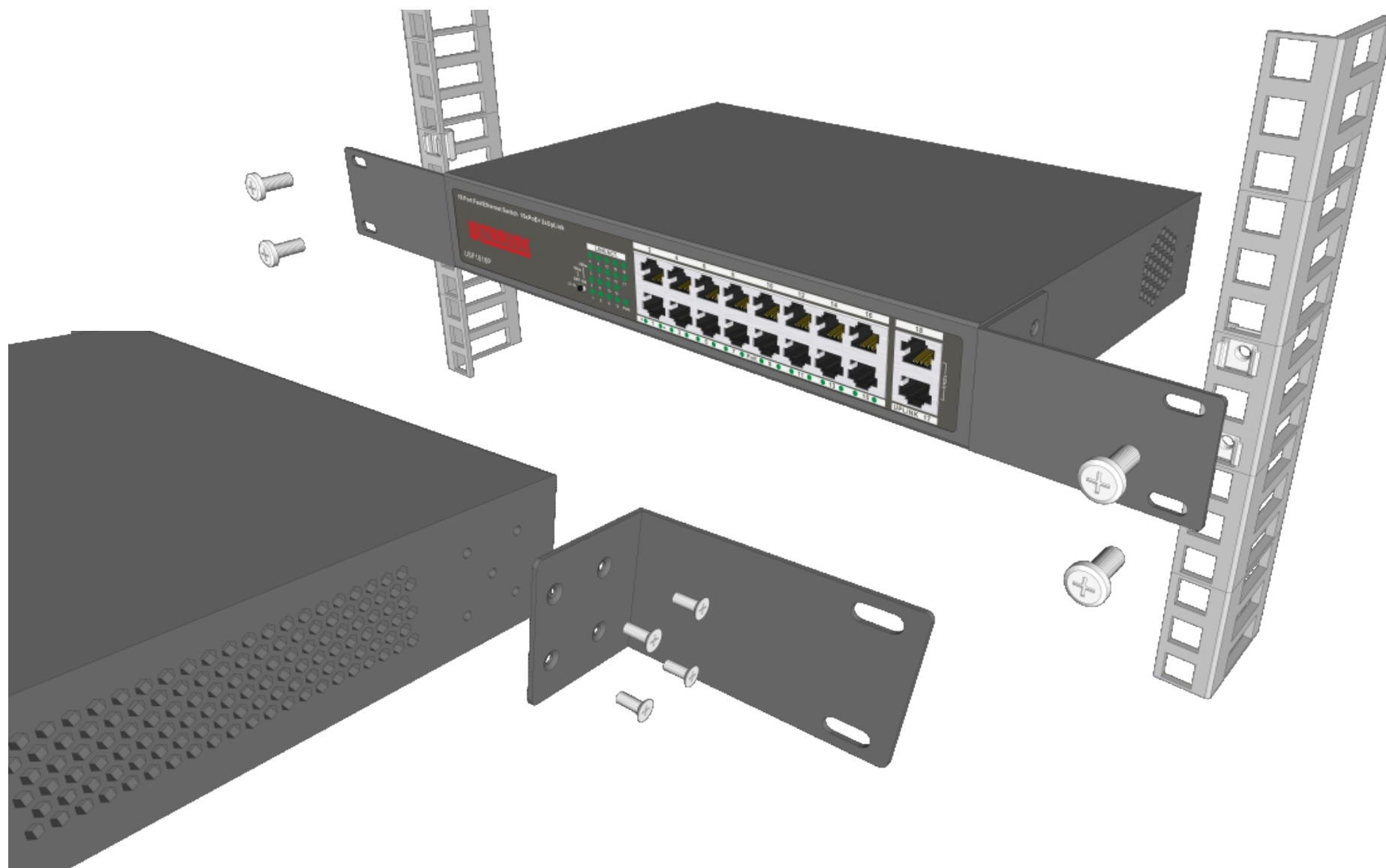| Model:	USF64P	USF108P	USF1816P	USF2624P
PoE Ports:	4	8	16	24
UPLINK Ports	2	2	2	2
PoE Standards	af/at	af/at	af/at	af/at
PoE Budget (port/total)	30/60W	30/90W	30/160W	30/240W
Power supply	PSD520115 52 V; 60W	PSD520175 52 V; 90W	PSD520300 52 V; 160W	PSD520460 52 V; 240W
Mains supply	~100-240 V; 50/60 Hz; 1,3 A	~100-240 V; 50/60 Hz; 2,4 A	~100-240 V; 50/60 Hz; 1,6	~100-240 V; 50/60 Hz; 2,9 A
Ports speed: PoE UPLINK	10/100Mbps 10/100Mbps	10/100Mbps 10/100Mbps	10/100Mbps 10/100/1000Mbps	10/100Mbps 10/100/1000Mbps
Transmission method	Store-and-forward			
Optical signalization	LED	LED	LED	LED
LongRange	YES	YES	YES (ports 9-16)	YES (ports 17-24)
VLAN	YES	YES	NO	NO
Watchdog	YES	YES	YES (ports 9-16)	YES (ports 17-24)
Operating conditions	-10°C ÷ 40°C RH: 5-90% (non-condensing)	-10°C ÷ 40°C RH: 5-90% (non-condensing)	-10°C ÷ 40°C RH: 5-90% (non-condensing)	-10°C ÷ 40°C RH: 5-90% (non-condensing)
Storage temperature	-20°C ÷ 60°C	-20°C ÷ 60°C	-20°C ÷ 60°C	-20°C ÷ 60°C
Dimension (WxHxD)	133x32x78 [mm]	191x32x78 [mm]	270x44x181 [mm]	330x44x204 [mm]
Net/gross weight	0,6/0,7 [kg]	0,9/1,1 [kg]	1,9/2,2 [kg]	2,3/2,6 [kg]

Device view/signalization

6/10 ports models:

LongRange switch

PoE Ports

UPLINK Ports

Ports LED
light-active device
blinking-data transmission

PWR LED (supply)
AI LED-LongRange mode

18/26 ports models:

LongRange switch

PoE Ports   UPLINK Ports

Ports LED
light-device active
blinking-data transmission

PWR LED (supply)

PoE LED
light-device active
blinking-failure

3

RACK mount

Follow the instructions in the manual and/or data sheet! Failure to do so may result in equipment damage, electric shock, fire, injury, or other consequences!

- Before installation, read the contents of this manual.
- The device should be mounted by a qualif1ed installer, holding relevant permits licenses (applicable and required for a given country) to connect (interfere) with ~230 V mains supply.
- The shock protection circuit shall be performed with a particular care, i.e. the yellow and green wire coat of the power cable shall stick to one side of the terminal marked with the symbol on the enclosure.
- Before installation, make sure that the parameters of the power supply circuit are in accordance with the device's requirements and that the power supply is off.
- Before switching on device, check quality and correctness of all made connections.
- Avoid shorting output pins of the DC power supply.
- Inspections and maintenance (completed by authorized and qualified personnel) should be performed after disconnecting the device from the power supply network. During operation, some parts of the device may be electrified or hot (risk of burns). Do not use damp dusters or cleaning fluids to remove dirt.
- Protect the device from moisture.
- Do not block the ventilation holes and provide free air circulation around device.
- Do not use if damaged. Do not attempt to repair on your own.

OZNAKOWANIE WEEE

Zużytego sprzętu elektrycznego i elektronicznego nie wolno wyrzucać razem ze zwykłymi domowymi odpadami. Według dyrektywy WEEE obowiązującej w UE dla zużytego sprzętu elektrycznego i elektronicznego należy stosować oddzielne sposoby utylizacji.

WEEE LABEL

Waste electrical and electronic equipment must not be disposed of with normal household waste. According to the European Union WEEE Directive, waste electrical and electronic equipment should be disposed of separately from normal household waste.

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