

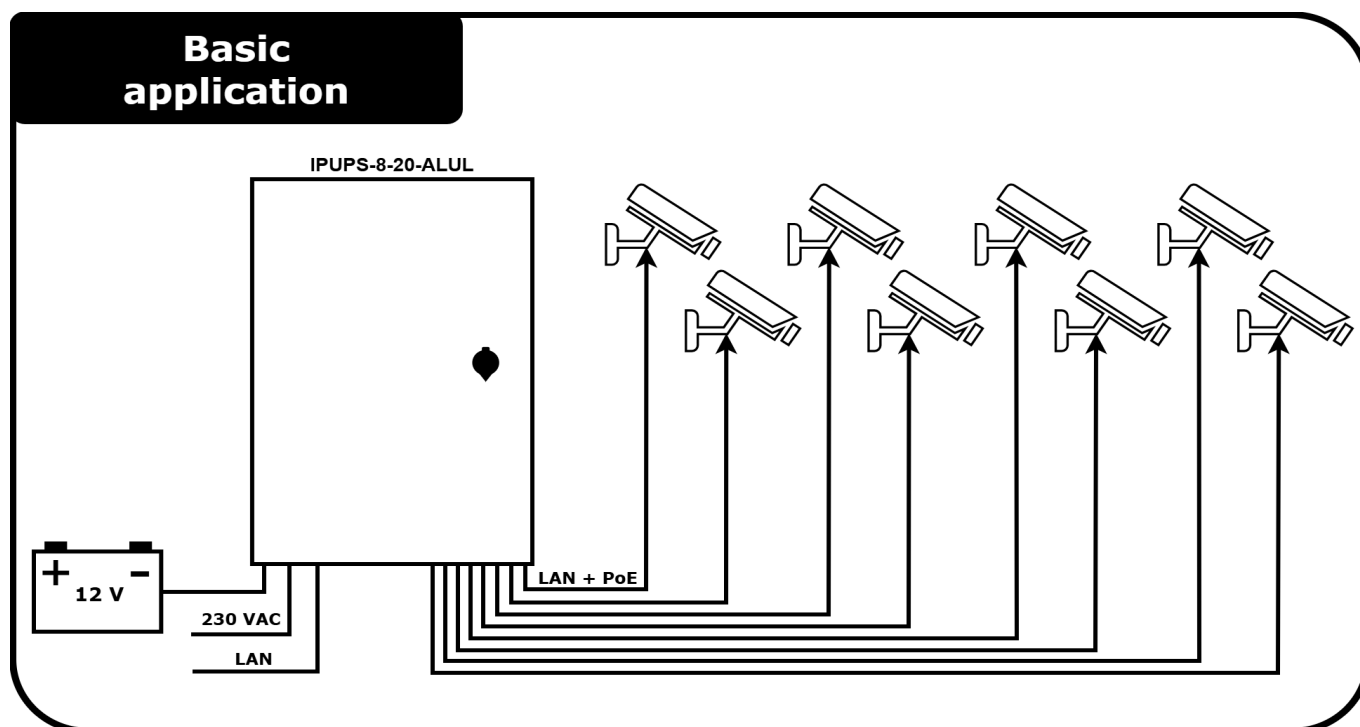
Instruction manual

IPUPS-8-20-ALUL

Buffered PoE kit for up to 8 IP cameras
in outdoor enclosure

Operation Indication

LED PWR	White – power present
LAN 1 – LAN 8	Green - data transmission on the port Red (LED in RJ45 port) – presence of PoE on the port
LAN G1 - LAN G2	Green - data transmission on the UPLINK port
1000M	Green - 1 Gbps data transmission on the UPLINK port
LED_AC	Yellow – mains power present
LED 2	Red – battery charging
LED 1 (power supply)	Green – output voltage
LED 1 (converter)	Red – output voltage



Description

IPUPS-8-20-ALUL is a PoE kit, with buffered power supply, for up to 8 IP cameras (8 PoE ports and 2 Gigabit UPLINK ports) with battery backup. The enclosure provides space for an 18 Ah battery.

IPUPS buffered kits are designed to provide battery-backed power to IP PoE devices. Connecting an appropriate battery ensures power is maintained in the event of a mains power failure. This solution enables continuous operation of devices during power outages, increasing installation reliability and safety.

IPUPS-8-20-ALUL can accommodate a 12V / 18Ah battery.

The PoE switch included in the kit features 8 x 10/100 Mbps PoE ports, with up to 50 W per port. PoE can be disabled using a DIP switch on the device (OFF position – PoE disabled).

The entire kit is housed in an ABOX-ALUL enclosure with an IP66 rating. The kit includes cable glands, which must be installed by the user in the pre-drilled holes (10 holes for M16 cable glands and 1 hole for a M20 cable gland).

IPUPS-8-20-ALUL can be mounted on a wall. It is also possible to mount the enclosure on a pole using the additional ADD-PMAALUXLS adapter.

Installation

1. Install the device in the selected location.
2. Connect the power cable to AC_IN screw terminal.
3. Connect the battery to the power supply.
4. Connect the IP PoE receivers to LAN 1 – LAN 8 ports.
5. Turn on the power.
6. Close the enclosure.

Technical Specification

Connectors	AC_IN screw terminal – 0.25–4 mm ² , 0.4 Nm cables DC_OUT screw terminal – 0.25–4 mm ² , 0.4 Nm cables Vin screw terminal – 0.14–2.5 mm ² , 0.4 Nm cables Technical output – 0.14–1.5 mm ² , 0.2 Nm cables	
LAN Ports	8 x LAN+PoE ports 10/100 Mbps 2 x UPLNIK ports 10/100/1000 Mbps	
Port functions	LAN 1 ... LAN 8: PoE output (up to 50 W per port) PoE PINS: 4,5 (V+) 7,8 (V-) LAN G1, LAN G2: UPLNIK ports (non-PoE)	
Switching capacity	5,6 Gbps	
Input voltage	190 ... 260 VAC, 50 Hz	
Maximum output power	100 W	
Efficiency	90% @100 W	
Output PoE voltage	55 VDC +/- 2%	
Power supply protection	Input: 3.15 A fuse Output: 12 A electronic overload protection	
Port protection	LAN 1 ... LAN 8: Surge protection LAN 1 ... LAN 8: Overload protection at 0.9 A	
Battery circuit protection	Battery cut-off for voltage below 10.8 V 10 A fuse	
Startup in the lack of AC power	START button	
Battery charging current	1 A or 2 A	
Battery	12 V Gel or AGM	
Technical output (open-collector)	ACF – AC voltage status (mains power absent - pulled down to GND) OUF – output voltage status (output voltage absent – pulled down to GND) GND – ground	
Indicators	LED PWR	White – power present
	LAN 1 – LAN 8	Green – data transmission on the port Red – (LED inside the RJ45 port) – presence of PoE on the port
		LAN G1 LAN G2 Green – data transmission on the UPLINK port
	1000M	Green – 1 Gbps link on the UPLINK port
	LED_AC	Yellow – mains voltage present
	LED 1 (power supply)	Green – output voltage
	LED 2	Red – battery charging
	LED 1 (converter)	Red – output voltage
IP rating	IP66	
Housing	ABOX-ALUL / aluminium PA11 / grey / Pre-drilled holes: 10xM16, 1xM20	
Assembly	Wall mounting, can be mounted on a pole or mast with additional mounting adapters	
Operating temperature	-25 ... +50°C	
Dimensions	410 x 310 x 145 mm	
Weight	3,285 kg	

Find out more

IPUPS-8-20-ALUL
on the WWW site



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Safety Precautions

- The installation and wiring must be performed by a competent engineer. For permanently connected equipment, a readily accessible disconnect device must be incorporated in the fixed wiring. The device must be connected to the mains supply 230 VAC 50 Hz via a specified fused connection outlet.
- Despite the fact that the enclosure of the device has a high degree of protection, it is recommended that the device should be mounted in places protected from direct influence of atmospheric factors, in particular against rain and direct sunlight.
- Since the power supply does not have a switch to isolate the mains supply, the installer is responsible for notifying the user of the means of isolating the mains supply from the device.
- When replacing fuses, use original or compatible types. The exact parameters of the fuses can be found on the inside of the device cover.

Before installation and during maintenance make sure that the mains voltage 230VAC is disconnected

This symbol on the product or on its packaging indicates that the product must not be disposed of with normal household waste. Instead such equipment must be disposed of by arranging to return it to a designated collection point for the recycling of waste electrical and electronic equipment.



Do you have a problem with your device? Contact us.
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