

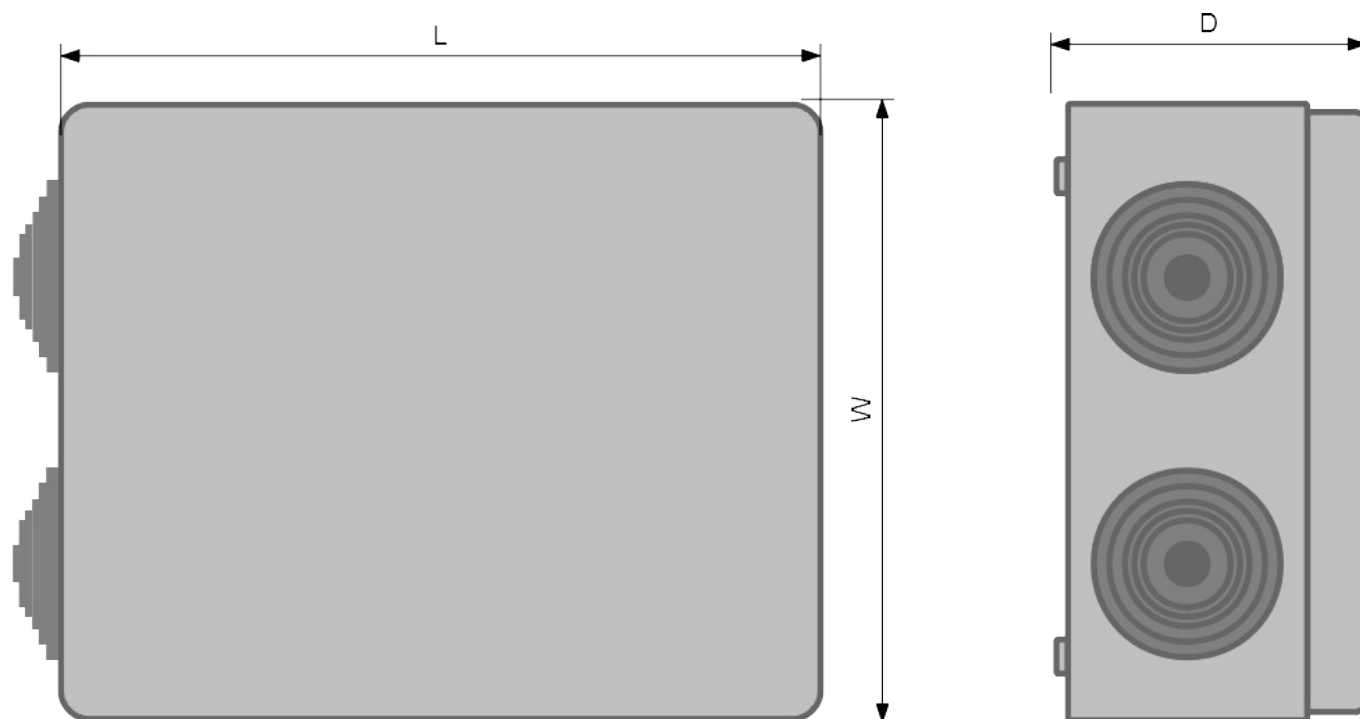
IPB-5-10A-S4

**PoE switch 10 / 100Mbps 5xPoE + 1xUplink
55V 90W (PoE power supply on all pairs)**

INSTRUCTION MANUAL

IPB-5-10A-S4 PoE switch is a convenient solution for powering IP cameras from one central point. The device has been designed to work with IP cameras, as well as other network devices operating in the PoE 802.3at / af and PoE PASSIVE standards.

The device is enclosed in the ABOX series housing, which is an effective solution for protecting devices and cable connections mounted outdoor. High quality plastic ensures resistance to UV radiation and other environmental exposures.



General view of the device

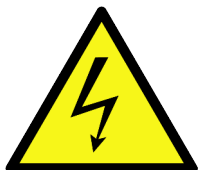
Technical Specification

LAN Ports	6 RJ45 ports 10/100Mbps (auto MDI-MDIX, auto-negotiation) 5 x PoE, 1 x UPLINK
Ports Functions	LAN 1 ... LAN 5: PoE OUT (to PoE powered devices): PASSIVE (up to 40W), 802.3af (up to 15,4W), 802.3at (up to 30W) PoE PINOUT: 1,2 (V-) 3,6 (V+) 4,5 (V+) 7,8 (V-) LAN6: UPLINK (without PoE) CON2 (+) (-): DC OUT: up to 90W
Output Voltage	55 VDC +/- 2%
Efficiency	91% @75W
Power	90 W
Input Voltage	190 ... 260 VAC, 50 Hz
Power Supply Input Protection	T3,15 A (Slow Blow Fuse) Surge protection
Power Supply Output Protection	3 A Overload electronic protection (after short circuit it may be necessary to restart power supply) Surge protection
Power Supply Thermal Protection	TSD (thermal shutdown) 130°C - power supply restart required
Ports Protection	LAN 1 ... LAN 6, Vin Surge protection LAN 1...LAN 5 0,75A @25°C, 0,45A @50°C Short circuit protection (power supply restart needed)
Indication	LED_AC (white) - AC input voltage indicator LED inside RJ45 connectors (red) - LAN 1 ... LAN 5 PoE voltage indicator LED LAN 1 ... LAN 6 (green) - link and data transmission PoE Jumpers (LAN 1 ... LAN 4)
Power Control	PoE OFF - jumper removed (LED inside RJ45 should be off) PoE ON - jumper installed (LED inside RJ45 should be on)
Housing Construction	Enclosure ABOX-S4 Enclosure material - halogen-free, UV resistant Color: grey (RAL7035) Cable entries 2x29 mm
Assembly	Wall mounting using brackets
Ingress Protection Rating	IP55
Operating Temperature	-25 ... +50°C
Dimensions	160 x 110 x 70 mm
Weight	0,43 kg

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.

WARNING



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

Installation

- Mount the device in the selected location and connect the connecting wires.
- Connect mains power supply to L, N terminals.
- Turn on mains 230VAC power supply.
- Make sure PoE is disabled in ports where LAN devices without POE support will be connected
- PoE OFF - jumper removed (RED LED inside RJ45 should be off)
- Connect the camera cables.
- After checking system operation, close the enclosure.

Operation Indication

- LED_AC (white) - AC input voltage indicator
- LAN 1 ... LAN 5 RJ45 LED Backlight (red) – PoE voltage presence
- LED LAN 1 ... LAN 6 (green) - link and data transmission

WEEE MARKING



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.

