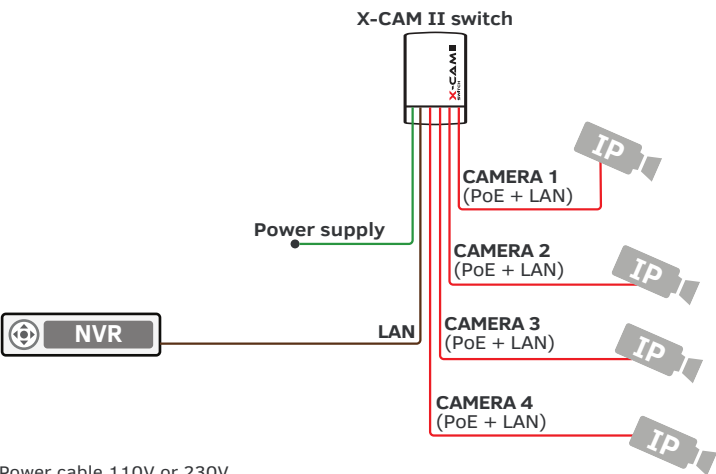


Application Example 1

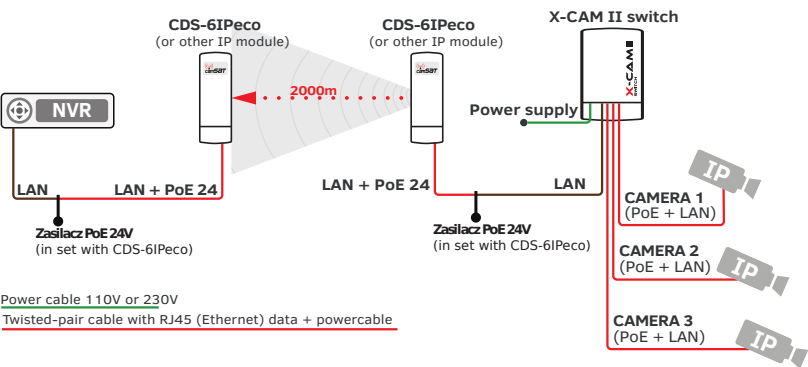
X-CAM II switch powers 4 IP and send the signal from 10 IP cameras to NVR.



Power cable 110V or 230V
Twisted-pair cable with RJ45 (Ethernet) data cable
Twisted-pair cable with RJ45 (Ethernet) data + power cable

Application Example 2

X-CAM II transmits the signal from 3 IP cameras. CDS-6IPeco sends a radio signal to the receiver.



Power cable 110V or 230V
Twisted-pair cable with RJ45 (Ethernet) data + power cable



X-CAM II SWITCH

QUICK START

Ver. 1.4

External hermetic network PoE switch
for IP cameras powered by 110-230V AC

X-CAM II switch4L
X-CAM II switch4F

1. Specifications

X-CAM II Switch is an external PoE + IEEE802.3at and IEEE802.3af IP camera switch. They work even with large PTZ cameras with IR (power at each port is as much as 30W). The X-CAM II switch has an IP65 weatherproof enclosure and a wide range of operating temperatures allow it to be used in almost any climate. A very convenient and installation time saving function is possibility to power the device directly from the network 100V-230V AC.

Models available:

X-CAM II switch4L - 4 x PoE+LAN, 1x LAN (max 4x30 W).

X-CAM II switch4F - 4 x PoE+LAN, 1x Fiber SC TX1550, RX1310 (max 4x30 W).

Product Specification	
Ethernet Ports with PoE	4x LAN z PoE
PoE standard	802.3at oraz 802.3af
UpLink Port	1x LAN or 1x SC Fiber TX1550 RX1310
Maximum IP Camera Power	30W each
Cable lengths	according to 802.3af and at standard
Housing	IP65
Temperature	-20°C ÷ 55°C
Weight	1,2 kg

2. Includes:

- PoE network switch X-CAM II Switch x 1 pc.
- Clamps x 1 pc.
- Manual x 1 pc.
- Declaration of conformity x 1 pc.

3. Description of the connectors and LEDs



DESCRIPTION OF CONNECTORS AND LED INDICATORS

AC 100-240V	- power input 230V AC (L - Phase wire, N - Neutral wire) the appearance of power is indicated by the red PWR diode
Port 1, 2, 3, 4	- RJ45 LAN ports for powering 48V PoE IP cameras. Data transmissions indicate orange diodes: 1 , 2 , 3 , 4 ; the appearance of voltage indicate P1 , P2 , P3 , P4 diodes.
UpLINK	- LAN port for connection with the recorder or the next switch. Data transmission is indicated by the UP diode.
VLAN	- switch used for VLAN separation. In position 0 it is turned off. In position "1", VLAN separation blocks network traffic between 1,2,3,4 ports.

4. Preparing for operation

Mount the device on the pole using the included clamps. It is a good practice to mount the device away from high temperature sources or in direct sunlight.

WARNING

Before connecting the device, make sure that the power cords are disconnected from electricity network.

The X-CAMSwitch device should be connected to the 230V AC power supply.

- L** - Phase wire
- N** - Neutral wire

5. Connecting PoE cameras

IP cameras should be plugged into ports 1-4, from which they will be powered.
Network traffic between connected cameras can be disabled by moving the VLAN separation switch to position "1", VLAN separation blocks network traffic between cameras.

WARNING

Before connecting the device to the RJ-45 port, make sure that the camera is connected adapted to supply with the 802.3af / at standard. PoE cameras or radio devices, 24V, not compatible with the 802.3af / at standard, require external power supply.

WARNING

The switch is intended for installation by a qualified installer, holding appropriate (required and necessary for a given country) permits and licenses to connect devices in low-voltage installations. A device without a properly made power supply circuit may damage the device or give you an electric shock.