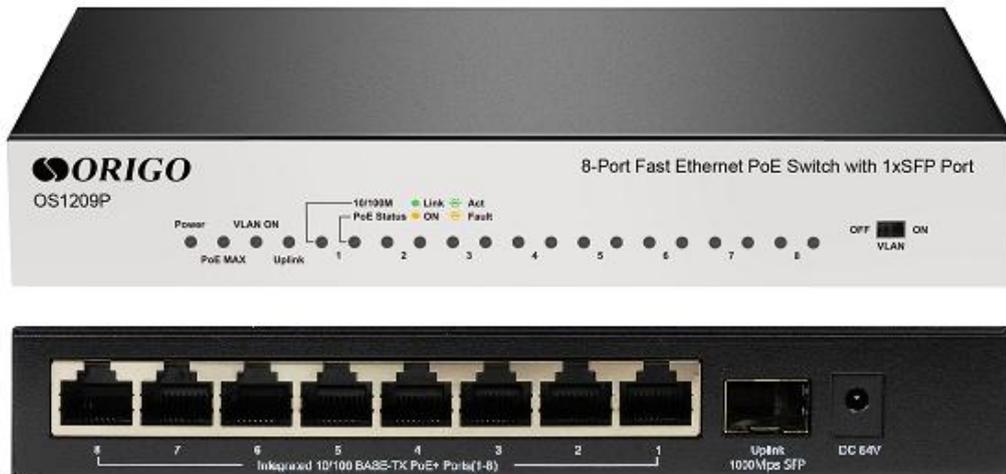




OS1209P/80W

9-Port Configurable PoE Switch

8x100Base-TX PoE+ (30W), 1x1000Base-X SFP, 80W PoE budget, DIP Switch, desktop / wall mountable



The OS1209P/80W is a configurable switch with 8x100Base-TX PoE+ ports, 1x1000Base-X SFP uplink port and a DIP Switch.

The ORIGO OS1209P/80W switch is a safe and easy decision recommended for organization of remote power supply to surveillance cameras, wireless access points, IP phones and other PoE devices.

The ports 1-8 support 802.3af/at PoE standards, providing up to 30 W per each port and PoE budget of 80 W. VLAN Isolation can be used to isolate PoE ports traffic and secure data transmission. Operating modes are hardware-configurable via DIP switch.

1000Base-X SFP port provides for safe high-rate connection to the uplink switch via fiber.

The OS1209P/80W switch is housed in a metal casing with the possibility of wall mounting. The fanless design provides for the silent operation of the device.

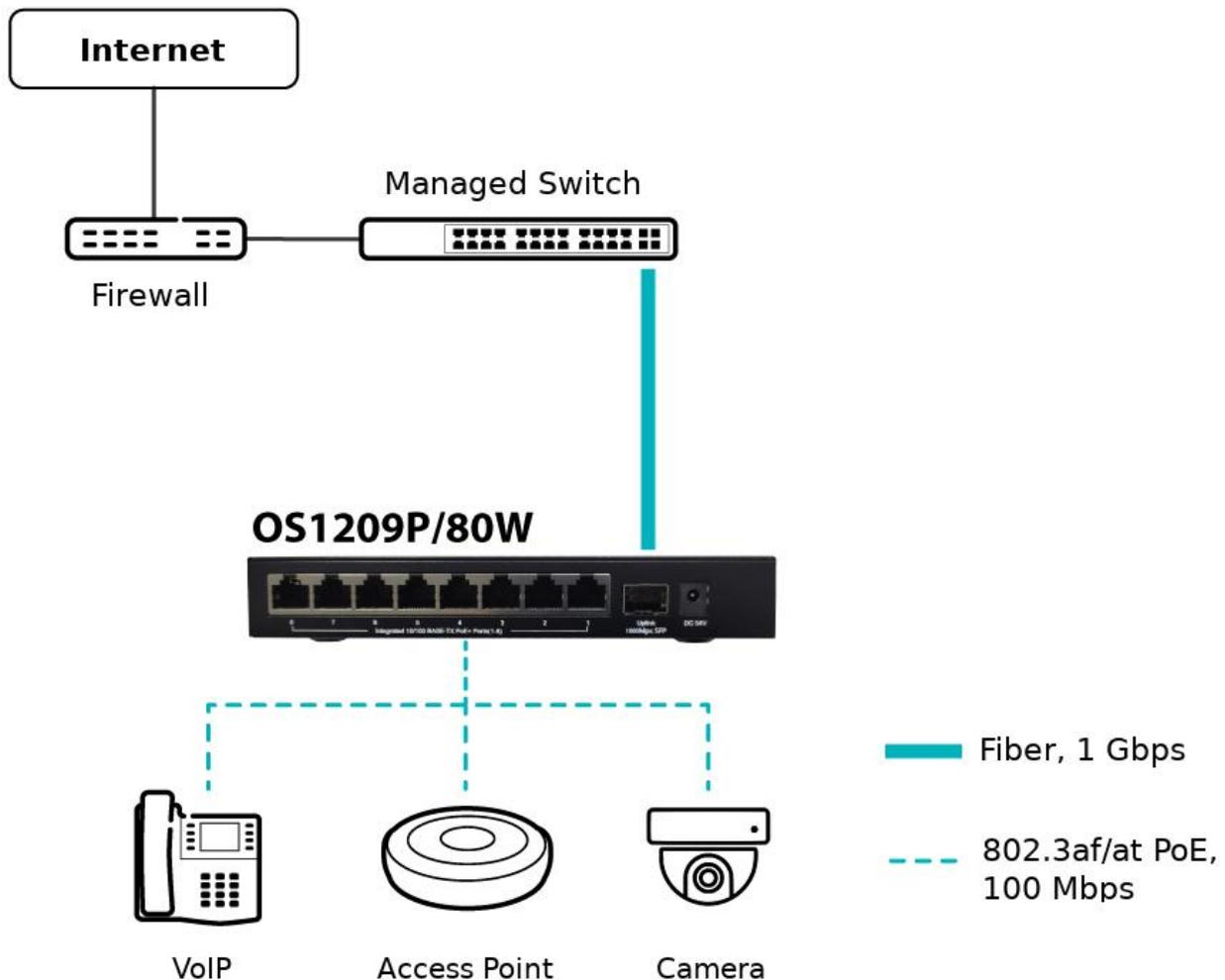
Key Features

- 8x10/100Base-TX 802.3af/at PoE ports
- 1x1000Base-X SFP uplink port
- Total PoE power budget: 80 W
- VLAN Isolation to isolate PoE ports traffic
- Mode configuration via DIP switch
- LEDs to monitor PoE power consumption
- Silent operation
- Wall mountable

Operating Modes

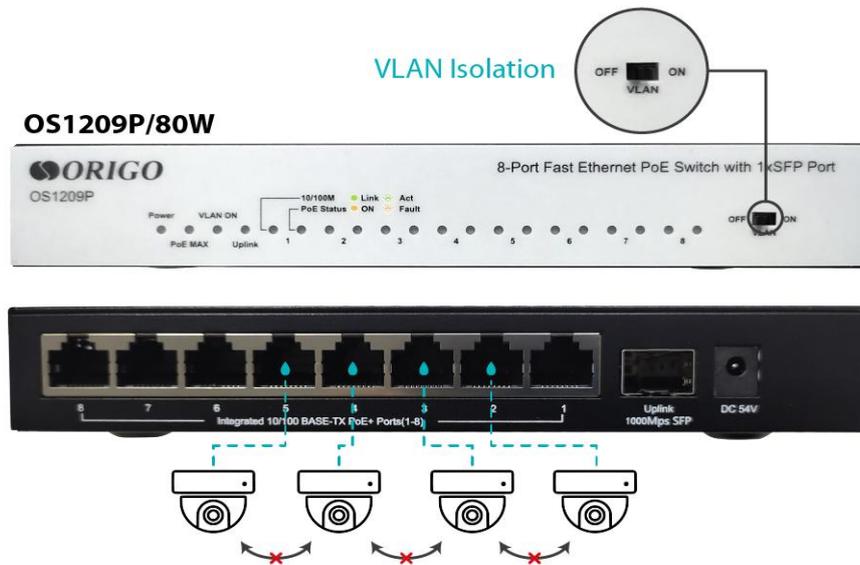
Standard Mode

Traffic can be transmitted between each port of the switch, the ports acting like a common switch ports.



VLAN Isolation Mode

- Traffic cannot be transmitted between PoE ports, data can only be exchanged with uplink port.
- Set DIP switch to "ON" in order to enter the current mode.



Specifications

Hardware

Chipset	<ul style="list-style-type: none"> • IP179H
Interfaces	<ul style="list-style-type: none"> • 8x10/100Base-TX (RJ-45) PoE ports • 1x1000Base-X SFP port
Standards and Functions	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3z 1000Base-X • IEEE 802.3af PoE • IEEE 802.3at PoE • IEEE 802.3az Energy-Efficient Ethernet • IEEE 802.3x (Flow Control) • Auto MDI/MDIX • Autonegotiation of speed and duplex mode
DIP Switches	<ul style="list-style-type: none"> • Standard Mode • VLAN Isolation Mode <ul style="list-style-type: none"> - Traffic Isolation for PoE ports • DIP Switch to enter/escape VLAN Isolation Mode
LEDs	<ul style="list-style-type: none"> • Power <ul style="list-style-type: none"> - On – power on state - Off – power off state • Uplink



	<ul style="list-style-type: none">- Always green – 1000Mbps connection- Flickers green – data pass- Always yellow – 10/100Mbps connection- Flickers yellow – data pass- Off – no connection• VLAN Enable<ul style="list-style-type: none">- Always green – VLAN Isolation on- Off – Standard Mode• Link (port 1 – 8)<ul style="list-style-type: none">- Always green – 10/100Mbps connection- Flickers green – data pass- Off – no connection• PoE (port 1 – 8)<ul style="list-style-type: none">- Always yellow – PoE device is connected- Flickers yellow – connection error- Off – PoE device is not connected• PoE MAX<ul style="list-style-type: none">- Always yellow – PoE power budget is exceeded- Off – PoE power budget is not exceeded
Power	<ul style="list-style-type: none">• Power adapter input (DC)
Ventilation	<ul style="list-style-type: none">• Fanless
Case	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop• Wall

Capacity

Switching Capacity	<ul style="list-style-type: none">• 3.6 Gbps
Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
MAC Address Table	<ul style="list-style-type: none">• 2K entries
Packet Forwarding Rate	<ul style="list-style-type: none">• 2.67 Mpps
Packet Buffer	<ul style="list-style-type: none">• 512 Kb
Jumbo Frame	<ul style="list-style-type: none">• 1 532 bytes



PoE

PoE Standard	<ul style="list-style-type: none">• IEEE 802.3af• IEEE 802.3at
PoE Ports	<ul style="list-style-type: none">• 1-8
Max. Power Consumption per Port	<ul style="list-style-type: none">• 30 W
PoE Power Budget	<ul style="list-style-type: none">• 80 W
PoE Mode	<ul style="list-style-type: none">• Type A

Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none">• 175 x 105 x 27 mm
Weight	<ul style="list-style-type: none">• 0.38 kg
Package Size	<ul style="list-style-type: none">• 20.8 x 23 x 6.5 cm
Gross Weight	<ul style="list-style-type: none">• 1 kg

Operating Conditions

Power	<ul style="list-style-type: none">• Power Adapter:<ul style="list-style-type: none">- Input: 100-240 V AC, 50/60 Hz- Output: 54 V DC
Max. Input Power	<ul style="list-style-type: none">• 93 W (PoE on)
Temperature	<ul style="list-style-type: none">• Operating: 0 to 40 °C• Storage: -40 to 70 °C
Humidity	<ul style="list-style-type: none">• Operating: 10% to 90% non-condensing• Storage: 5% to 90% non-condensing

Package Contents

Package Contents	<ul style="list-style-type: none">• OS1209P/80W Switch• Power Adapter• AC Power Cord• Quick Installation Guide
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Order Info

OS1209P/80W	Configurable PoE Switch, 8x100Base-TX, 1x1000Base-X SFP
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