



OS1226P/285W

26-Port Configurable PoE Switch

24x100Base-TX PoE+ (30 W), 2x1000Base-T, 350 W PoE budget, 285 W nominal PoE budget, PoE up to 250 m, DIP Switch, 19" rack mounting



OS1226P/285W is a configurable switch with 24x100Base-TX PoE+ ports, 2x10/100/1000Base-T uplink ports and a DIP Switch.

The ORIGO OS1226P/285W switch is recommended for building of small and medium enterprises' networks that need a simple and reliable solution to organize a remote power supply to surveillance cameras, wireless access points, IP phones and other PoE devices.

The ports 1-24 support 802.3af/at PoE standards, providing up to 30 W for each port and a total PoE budget of 350 W, with a nominal budget of 285 W.

The switch supports operation in Standard Mode and VLAN+Extend PoE Mode. Operating modes are hardware-configurable via DIP switch.

VLAN+Extend PoE Mode allows to increase power supply and data transmission up to 250 m and to isolate traffic on PoE ports with the help of VLAN Isolation.

The OS1226P/285W switch is housed in a metal casing with the possibility of 19" rack mounting. Mounting kit is included in the package.

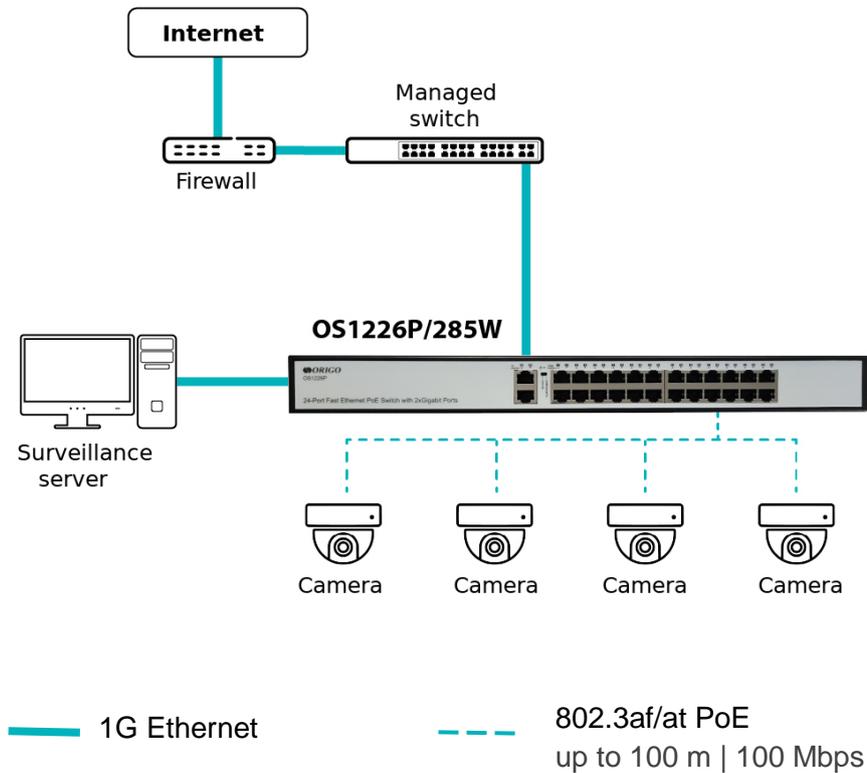
Key Features

- 24x10/100Base-TX 802.3af/at PoE ports
- 2x10/100/1000Base-T (RJ-45) uplink ports
- Total PoE power budget: 350 W
- Nominal PoE budget: 285 W
- Extend PoE to increase power supply and data transmission up to 250 m
- VLAN Isolation to isolate PoE ports traffic
- Mode configuration via DIP switch
- 19" rack mounting

Operating Modes

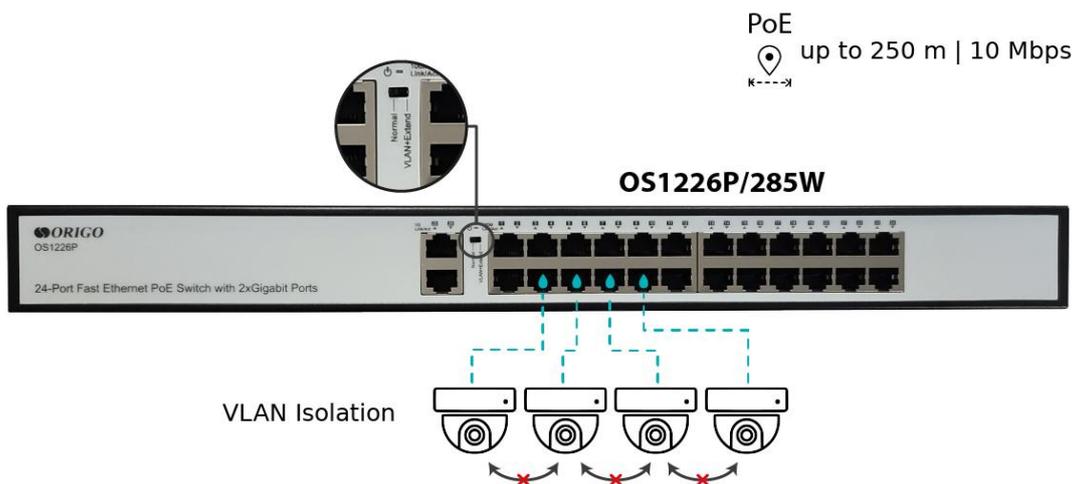
Standard Mode

The ports 1 – 24 provide power and data transmission over a distance of up to 100 m at a rate of up to 100 Mbps.



VLAN + Extend PoE Mode

- The ports 1 – 24 provide power and data transmission over the distance of up to 250 m at the rate of up to 10 Mbps.
- 10 Mbps rate is most suited for HD video streaming.
- The traffic cannot be transmitted between PoE ports, data can be exchanged only with uplink ports.





Specifications

Hardware

Chipset	<ul style="list-style-type: none">• MT7530BU
Interfaces	<ul style="list-style-type: none">• 24x10/100Base-TX (RJ-45) PoE ports• 2x10/100/1000Base-T (RJ-45) ports
Standards and Functions	<ul style="list-style-type: none">• IEEE 802.3 10Base-T• IEEE 802.3u 100Base-TX• IEEE 802.3ab 1000Base-T• IEEE 802.3af PoE• IEEE 802.3at PoE• IEEE 802.3x (Flow Control)• Auto-negotiation of speed and duplex mode• Auto MDI/MDIX
DIP Switches	<ul style="list-style-type: none">• Standard Mode (Normal)<ul style="list-style-type: none">- PoE up to 100 m- Data transmission rate – 10/100 Mbps• VLAN + Extend Mode<ul style="list-style-type: none">- PoE ports isolation- PoE up to 250 m- Data transmission rate – 10 Mbps
LEDs	<ul style="list-style-type: none">• Power<ul style="list-style-type: none">- On – power on state- Off – power off state• Link (ports 1-26)<ul style="list-style-type: none">- Always bright – device is connected- Flicker – data pass- Off – no connection
Power	<ul style="list-style-type: none">• Power input (AC)
Ventilation	<ul style="list-style-type: none">• 2 fans
Case	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop• 19" rack

Capacity

Switching Capacity	<ul style="list-style-type: none">• 8.8 Gbps
--------------------	--



Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
MAC Address Table	<ul style="list-style-type: none">• 16K entries

PoE

PoE Standard	<ul style="list-style-type: none">• IEEE 802.3af• IEEE 802.3at
PoE Ports	<ul style="list-style-type: none">• 1 – 24
Max. Power Consumption per Port	<ul style="list-style-type: none">• 30 W
Max. PoE Power Budget	<ul style="list-style-type: none">• 350 W
Nominal PoE Budget	<ul style="list-style-type: none">• 285 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">• 440 x 220 x 45 mm
Weight	<ul style="list-style-type: none">• 2.54 kg
Package Size	<ul style="list-style-type: none">• 47.4 x 29.2 x 9.7 cm
Gross Weight	<ul style="list-style-type: none">• 3.18 kg

Operating Conditions

Power	<ul style="list-style-type: none">• 100-240 V AC, 50/60 Hz
Temperature	<ul style="list-style-type: none">• Operating: 0 to 45 °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">• OS1226P/285W Switch• Power Cord• 19" Rack Mounting Kit• Quick Installation Guide
------------------	---



Order Info

OS1226P/285W

Configurable PoE Switch, 24x100Base-TX, 2x1000Base-T,
PoE up to 250 m
