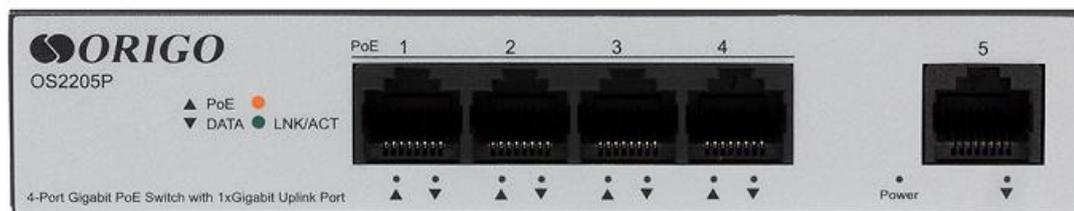




OS2205P/60W

5-Port Gigabit PoE Switch

4x10/100/1000Base-T PoE+ (30W), 1x10/100/1000Base-T, 60 W PoE budget, PoE up to 250 m, wall / desktop mountable



The OS2205P/60W is a gigabit switch with 4x10/100/1000Base-T PoE+ ports, 1x10/100/1000Base-T port and a total PoE budget of 60 W.

The ORIGO OS2205P/60W switch is recommended for building and modernization of small and medium enterprises' networks that need a modern gigabit solution to increase bandwidth at level of aggregation and organization of remote power supply to surveillance cameras, wireless access points, IP phones and other PoE devices.

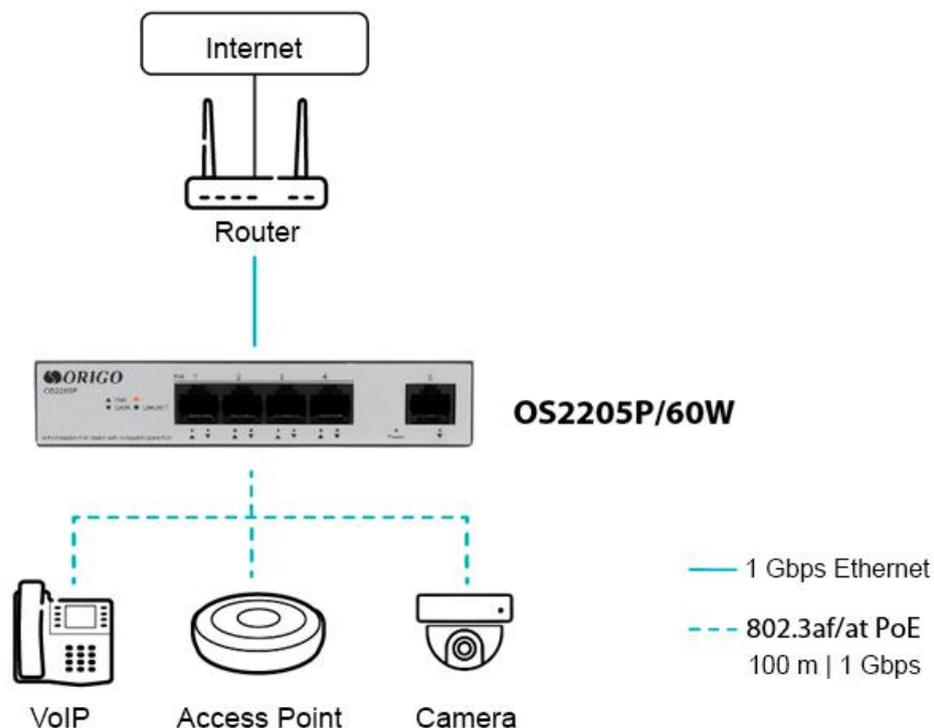
The ports 1-4 support 802.3af/at PoE standards, providing up to 30 W for each port and a total PoE budget of 60 W. The Extend PoE mode allows to overcome the standard Ethernet limit of 100 m and connect IP cameras at a distance of up to 250 m at speeds up to 10 Mbit/s, simplifying installation and reducing costs when building CCTV networks. Built-in ESD protection meets industry surge standards, guarding the switch and connected devices from damage and network instability caused by ESD and lightning-induced surges.

The OS2205P/60W 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

- 4x10/100/1000Base-T 802.3af/at PoE ports (up to 30W)
- 1x10/100/1000Base-T (RJ-45) port
- Total PoE power budget: 60 W
- Extended PoE range up to 250m for CCTV
- ±4KV Surge Protection / ±8KV Electrostatic Standard
- Fanless design
- Wall mountable
- No setting required

Application Pattern



Specifications

Hardware

Chipset	<ul style="list-style-type: none"> • MT7530D
Interfaces	<ul style="list-style-type: none"> • 4x10/100/1000Base-T PoE ports • 1x10/100/1000Base-T (RJ-45) port
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 MDI/MDIX
LEDs	<ul style="list-style-type: none"> • Power <ul style="list-style-type: none"> - On – power on state - Off – power off state



	<ul style="list-style-type: none">• Link/Act<ul style="list-style-type: none">- Always bright – terminal device is connected- Flicker – data pass- Off – no connection• PoE (port 1 – 4)<ul style="list-style-type: none">- On – PoE device is connected- Off – PoE device is not connected- Flicker – Output power on PoE port is close to maximum
Power	<ul style="list-style-type: none">• Power input (AC)
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">• 10 Gbps
Packet Forwarding Rate	<ul style="list-style-type: none">• 7.44 Mpps
MAC Address Table	<ul style="list-style-type: none">• 2K entries
Packet Buffer	<ul style="list-style-type: none">• 128 Kb
Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
Jumbo Frame	<ul style="list-style-type: none">• 9 Kb

PoE

PoE Standard	<ul style="list-style-type: none">• IEEE 802.3af• IEEE 802.3at
PoE Ports	<ul style="list-style-type: none">• 1-4
Max. Power Consumption per Port	<ul style="list-style-type: none">• 30 W
PoE Power Budget	<ul style="list-style-type: none">• 60 W
PoE Mode	<ul style="list-style-type: none">• Type A
PoE Distance	<ul style="list-style-type: none">• 100 m<ul style="list-style-type: none">- Data rate – up to 1000 Mbps



	<ul style="list-style-type: none">• 250 m¹- Data rate – up to 10 Mbps
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Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none">• 140 x 76.7 x 27.7 mm
Weight	<ul style="list-style-type: none">• 0.34 kg
Package Size	<ul style="list-style-type: none">• 19.2 x 16.5 x 6 cm
Gross Weight	<ul style="list-style-type: none">• 0.58 kg

Operating Conditions

Power	<ul style="list-style-type: none">• 100-240 V AC, 50/60 Hz
Surge Protection	<ul style="list-style-type: none">• Common mode ±4KV• Differential mode ±2KV
Electrostatic Standard	<ul style="list-style-type: none">• Contact ±6KV• Air ±8KV
MTBF (hours)	<ul style="list-style-type: none">• >50 000
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">• OS2205P/60W Switch• Power Cord• Quick Installation Guide
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Order Info

OS2205P/60W	PoE Switch, 5x1000Base-T, PoE up to 250m
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¹Data and power transmission over distances of up to 250 m is possible with a switch port speed limited to 10 Mbps. The connected device should also support speeds of up to 10 Mbps.