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# OS5009P+/200W

## 8-Port 2.5G Configurable PoE Switch with 1x10G SFP+ Uplink Port

4x2.5GBase-T 802.3bt PoE++, 4x2.5GBase-T PoE+, 1x10G SFP+, 200 W PoE budget

OS5009P+/200W is a configurable switch with 4x2.5GBase-T PoE++ ports, 4x2.5GBase-T PoE+ ports and 1x10G SFP+ port.

The ORIGO OS5009P+/200W is a simple and reliable solution for organization of remote power supply to surveillance cameras, wireless access points, IP phones and other PoE devices.

The ports 1-4 support the PoE++ (802.3bt), providing up to 90 W for each port, ports 5-8 support the PoE (802.3af) and PoE+ (802.3at) standards, providing up to 30 W for each port with a total PoE budget of 200 W. VLAN Mode can be used to isolate PoE ports traffic for video surveillance systems. The switch is resistant to electrostatic discharges up to 8 kV.

The 10Gbps SFP+ port provides reliable high-speed connectivity to an upstream switch via fiber optics.

## Key Features

- 4x2.5G Ethernet ports with 802.3bt PoE++ support
- 4x2.5G Ethernet ports with 802.3af/at PoE+ support
- 1x10G SFP+ port
- Total PoE budget: 200 W (up to 90 W per port 1-4, up to 30 W per port 5-8)
- ESD protection up to 8kV
- VLAN Mode for enhanced network security
- Mode configuration via DIP switch

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## Specifications

### Hardware

| | |
|---|---|
| Interfaces | • 8x100/1000/2.5GBase-T PoE ports<br>• 1x10GBase-X SFP+ port |
| Standards and Functions | • IEEE 802.3 10Base-T<br>• IEEE 802.3u 100Base-TX<br>• IEEE 802.3ab 1000Base-T<br>• IEEE 802.3bz 2.5GBase-T<br>• IEEE 802.3z 1000Base-X<br>• IEEE 802.3ae 10GBase-X<br>• IEEE 802.1af PoE<br>• IEEE 802.1at PoE+<br>• IEEE 802.3bt PoE++<br>• IEEE 802.3x (Full Duplex Flow Control)<br>• IEEE 802.3az Energy-Efficient Ethernet<br>• Auto MDI/MDIX on all copper ports |
| LEDs | • Power<br>  - On – power on state<br>  - Off – power off state<br>• Link/Act (ports 1 – 9)<br>  - Always bright: terminal device is connected<br>  - Flicker – data pass<br>  - Off – no connection<br>• PoE<br>  - Always bright – PoE device is connected<br>  - Flicker – Output power on PoE port is close to maximum<br>  - Off – PoE device is not connected |
| DIP Switches | • Standard Mode (Default)<br>  - Traffic isolation off<br>• VLAN Mode<br>  - Traffic isolation for ports 1 – 8 |
| Buttons | • Reset |
| Power | • Power connector (AC) |
| Mounting | • Desktop |

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## Capacity

| | |
|---|---|
| Switching Capacity | • 60 Gbps |
| Packet Forwarding Rate | • 44.64 Mpps |
| Transfer Mode | • Store-and-forward |
| MAC Address Table | • 4K entries |
| Packet Buffer | • 1 MB |
| Jumbo Frame | • 12 KB |

## PoE

| | |
|---|---|
| PoE Standard | • IEEE 802.3af |
| | • IEEE 802.3at |
| | • IEEE 802.3bt |
| PoE Ports | • 1-8 |
| Max. Power Consumption per Port | • 90 W (per PoE port 1-4) |
| | • 30 W (per PoE port 5-8) |
| PoE Power Budget | • 200 W |

## Physical Parameters

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|---|---|
| Dimensions (L x W x H) | • 280 x 180 x 44 mm |

## Operating Conditions

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|---|---|
| Power Input | • 100–240 V AC, 50/60 Hz |
| Temperature | • Operating: 0 to 40 °C |
| | • Storage: -40 to 70 °C |
| Humidity | • Operating: 10% to 90% non-condensing |
| | • Storage: 5% to 90% non-condensing |

## Package Contents

| | |
|---|---|
| Package Contents | • OS5009P+/200W Switch |
| | • Power Cord |
| | • Quick Installation Guide |

## Order Info

| | |
|---|---|
| OS5009P+/200W | Configurable PoE Switch, 8x2.5GBase-T, 1x10GBase-X SFP+ |