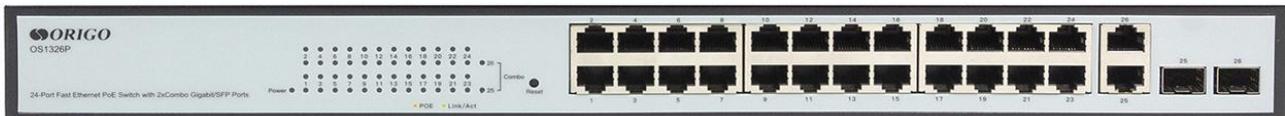




OS1326P/280W

24-Port Fast Ethernet L2 Managed PoE Switch with 2xCombo Gigabit/SFP Ports

24x10/100Base-TX 802.3af/at PoE, 2xCombo 100/1000Base-T/SFP, 325W Maximum PoE Budget, 280W Nominal PoE Budget, PoE up to 250 m, 19" rack mounting



The ORIGO OS1326P/280W is a managed L2 switch with 24x10/100Base-TX PoE+ ports and 2xGigabit Combo 1000Base-T/SFP uplinks.

The OS1326P/280W switch is recommended for SMBs, retail, public sector organizations, and educational institutions that require a reliable, easy-to-manage access-layer solution for connecting end devices and delivering PoE to IP cameras, wireless access points, IP phones, and other PoE-enabled equipment.

Ports 1–24 support IEEE 802.3af/at PoE standards, delivering up to 30W per port with a maximum PoE budget of 325W (280W nominal). The Gigabit combo uplinks provide flexible connectivity options over fiber or copper, ensuring seamless integration into enterprise networks.

The switch is suitable for use in video surveillance systems (CCTV). 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.

Designed with the features most organizations rely on, the OS1326P/280W offers port-based and 802.1Q VLAN for traffic segmentation, link aggregation for higher throughput, loop detection, QoS, and IGMP Snooping for efficient multicast performance. The switch also provides STP/RSTP/MSTP protocols to enhance fault tolerance and redundancy, ensuring stable and resilient network operation.

The switch can be managed through a Web-based UI, SNMP, or a compact CLI, making it an excellent choice for networks that need cost-effective performance with essential manageability.

Key Features

- 24x100Mbps RJ-45 802.3af/at PoE ports
- 2xGigabit Combo 1000Base-T/SFP uplinks
- Maximum PoE Budget: 325W
- Nominal PoE Budget: 280W
- Extended PoE range up to 250m for CCTV
- MAC Address Table: 16K
- Port-based/802.1Q VLAN
- QoS for traffic prioritization
- LoopBack Detection
- IGMP/MLD Snooping for multicast traffic management
- Management via Web UI, compact CLI, SNMP



Specifications

Hardware

CPU and Memory	<ul style="list-style-type: none">• CPU: IP1829A• RAM: 512 KB• Flash: 16 MB
Interfaces	<ul style="list-style-type: none">• 24x10/100Base-TX PoE (RJ-45)• 2xCombo 100/1000Base-T/SFP
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 802.3z 1000Base-X• IEEE 802.3af PoE• IEEE 802.3at PoE• IEEE 302.3ad (Link Aggregation)• IEEE 802.1Q (VLAN)• IEEE 802.3x (Flow Control)• IEEE 802.3az Energy-Efficient Ethernet• Auto-Negotiation• Auto MDI/MDIX on all copper ports
LEDs	<ul style="list-style-type: none">• Power<ul style="list-style-type: none">- ON – power on state- OFF – power off state• Link/Act (port 1 – 26)<ul style="list-style-type: none">- Always bright – terminal device is connected- Flicker – data pass- Off – no connection• PoE (port 1 – 24)<ul style="list-style-type: none">- Always bright – PoE device is connected- Flicker – Power output of PoE port is close to max value- Off – PoE device is not connected
Button	<ul style="list-style-type: none">• Reset
Ventilation	<ul style="list-style-type: none">• 2 Fans
Power	<ul style="list-style-type: none">• Power input (AC)
Housing	<ul style="list-style-type: none">• Metal



Mounting	<ul style="list-style-type: none">• Desktop• 19" rackmount
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Performance

Switching Capacity	<ul style="list-style-type: none">• 10.4 Gbps
Packet Forwarding Rate	<ul style="list-style-type: none">• 6.54 Mpps
Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
MAC Address Table	<ul style="list-style-type: none">• 16K entries
Packet Buffer	<ul style="list-style-type: none">• 512 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 – 24
Max Power Consumption per Port	<ul style="list-style-type: none">• 30W
Max PoE Power Budget	<ul style="list-style-type: none">• 325W
Nominal PoE Power Budget	<ul style="list-style-type: none">• 280W
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- 250 m¹<ul style="list-style-type: none">- Data rate – up to 10 Mbps

Software Features

L2 Features	<ul style="list-style-type: none">• 802.3ad Link Aggregation<ul style="list-style-type: none">- Max 5 groups per device / 4 ports per group• Port Mirroring• Loopback Detection• Spanning Tree Protocol<ul style="list-style-type: none">- 802.1D STP- 802.1w RSTP- 802.1s MSTP
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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.

	<ul style="list-style-type: none"> • LLDP
L2 Multicast	<ul style="list-style-type: none"> • IGMP Snooping <ul style="list-style-type: none"> - IGMP Snooping v1/v2/v3 - Supports up to 256 groups • MLD Snooping <ul style="list-style-type: none"> - MLD Snooping v1/v2
VLAN	<ul style="list-style-type: none"> • Max. VID: 4095 • Port-based VLAN • 802.1Q tagged VLAN • Double VLAN (Q-in-Q) <ul style="list-style-type: none"> - Port-based Q-in-Q • Voice VLAN
QoS	<ul style="list-style-type: none"> • CoS based on: <ul style="list-style-type: none"> - Switch port - 802.1p - DSCP - ACL - IGMP - IP Address - MAC Address - VID - TCP/UDP Port • 8 Queues per Port • Queue Handling <ul style="list-style-type: none"> - Strict Priority (SP) - Weighted Round Robin (WRR) - Weighted Fair Queuing (WFQ)
Security	<ul style="list-style-type: none"> • Network Storm Control • DoS Attack Prevention • IP-MAC-Port Binding (IMPB)
Access Control List (ACL)	<ul style="list-style-type: none"> • ACL based on: <ul style="list-style-type: none"> - MAC Address - IPv4/IPv6 Address - DSCP - Ether type



AAA	<ul style="list-style-type: none">• 802.1X<ul style="list-style-type: none">- Host-based Access Control- Port-based Access Control• RADIUS Server
Management	<ul style="list-style-type: none">• Web-based UI• CLI• SNMP v1/v2c/v3• DHCP relay agent

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">• 3.14 kg

Operating Conditions

Power	<ul style="list-style-type: none">• 100-240V AC, 50/60 Hz• Power cord length: 1.35 m
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">• OS1326P/280W Switch• Power Cord• Rack-Mount Kit• Quick Installation Guide
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Order Info

OS1326P/280W	Managed L2 PoE Switch, 24x100Base-TX, 2xCombo 1000Base-T/SFP, PoE up to 250m
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