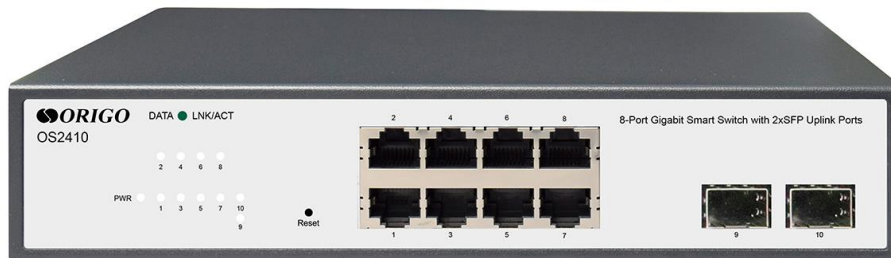




OS2410

8-Port Gigabit Ethernet Web Smart Switch with 2xGigabit SFP Ports

8x10/100/1000Base-T (RJ-45), 2x1000Base-X SFP, wall / 19" rack mounting



OS2410 is a Web smart L2 switch with 8x1000Base-T ports and 2x1000Base-X SFP ports.

The ORIGO OS2410 switch is recommended for building of small and medium enterprises' networks that require a modern gigabit solution with Web management functions.

The OS2410 supports traffic separation using 802.1Q VLAN, Loopback Detection, Port mirroring, DHCP Snooping, and QoS for prioritization of latency-sensitive traffic. The storm control feature limits the amount of broadcast, multicast or unknown unicast traffic, blocks or drops packets that are subject to the limit and prevents network congestion. The cable diagnostic function allows you to determine the condition of the twisted pair and the type of cable malfunction.

Key Features

- 8x10/100/1000Base-T ports
- 2x1000Base-X SFP ports
- 802.1Q VLAN, QoS, IGMP/MLD Snooping
- Loopback Detection and cable diagnostics
- Web management
- Fanless
- Wall and 19" rack mountable



Specifications

Hardware

CPU and Memory	• CPU: RTL8382L • SRAM: 128 KB • Flash: 16 MB
Interfaces	• 8x10/100/1000Base-T (RJ-45) ports • 2x1000Base-X SFP ports
Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3z 1000Base-X • IEEE 802.1Q (VLAN) • IEEE 802.1p (QoS) • IEEE 802.3x (Flow Control) • Auto-negotiation of speed and duplex mode • Auto MDI/MDIX on all copper ports
LEDs	• Power - On – power on state - Off – power off state • Link/Act (Ports 1 – 10) - Always bright – terminal device is connected - Flicker – data pass - Off – no connection
Buttons	• Reset
Ventilation	• Fanless
Power	• Power connector (AC)
Mounting	• Desktop • Wall • 19" rack

Capacity

Switching Capacity	• 20 Gbps
Packet Forwarding Rate	• 14.88 Mpps
Transfer Mode	• Store-and-forward
MAC Address Table	• 8K entries



Packet Buffer	• 512 KB
Jumbo Frame	• 9 216 bytes

Software

L2 Features	• Flow Control • Link Aggregation - Max. 8 groups per device, 8 ports per group • Port mirroring - One-to-One - Many-to-One - Ingress, egress, both • Loopback Detection • Cable diagnostics
L2 Multicast	• IGMP Snooping - IGMP v1/v2 - Supports up to 10 groups • MLD Snooping - Supports up to 10 groups
L3 Features	• 1 IP Interface • Max. 32 ARP entries
VLAN	• 802.1Q tagged VLAN
QoS	• 802.1p • Supports up to 8 queues per port • DSCP • Queue handling - Strict Priority (SP) - Weighted Round Robin (WRR) • Port-based bandwidth control
Security	• Static MAC addresses • Storm Control • Traffic Segmentation • DHCP Snooping
Management	• Web-based UI

Physical Parameters

Dimensions (L x W x H)	• 220 x 150 x 44 mm
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Operating Conditions

Power Input	• 100-240 V AC, 50/60 Hz
MTBF (hours)	• 50 000
Surge Protection	• ± 2 kV (common mode) • ± 1 kV (differential mode)
Electrostatic Discharge (ESD) Protection	• Contact discharge: ± 6 kV • Air discharge: ± 8 kV
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	• OS2410 Switch • Power Cord • Rack Mount Kit • Quick Installation Guide
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Order Info

OS2410	Web Smart L2 Switch, 8x1000Base-T, 2x1000Base-X SFP
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