



OS2406

6-Port Gigabit Ethernet Web Smart Switch

6x1000Base-T, wall / desktop mounting



OS2406 is a Web smart L2 switch with 6x1000Base-T ports.

The ORIGO OS2406 switch is recommended for small and medium business networks, budget organizations and educational institutions that require a reliable and simple gigabit solution with Web management functions.

The OS2406 supports traffic separation using 802.1Q VLAN, Loopback Detection, Port mirroring 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

- 6x10/100/1000Base-T ports
- 802.1Q VLAN, QoS, IGMP Snooping
- Loopback Detection and cable diagnostics
- Web management
- Fanless
- Wall mountable



Specifications

Hardware

CPU and Memory	• CPU: RTL8382L • Flash: 16 MB
Interfaces	• 6x10/100/1000Base-T (RJ-45) ports
Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • 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 – 6) - Always bright – terminal device is connected - Flicker – data pass - Off – no connection
Buttons	• Reset
Ventilation	• Fanless
Power	• Power connector (AC)
Mounting	• Desktop • Wall

Capacity

Switching Capacity	• 12 Gbps
Packet Forwarding Rate	• 8.93 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 • 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 128 groups
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)	• 168 x 94 x 32 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	• OS2406 Switch • Power Cord • Quick Installation Guide
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Order Info

OS2406	Web Smart L2 Switch, 6x1000Base-T
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