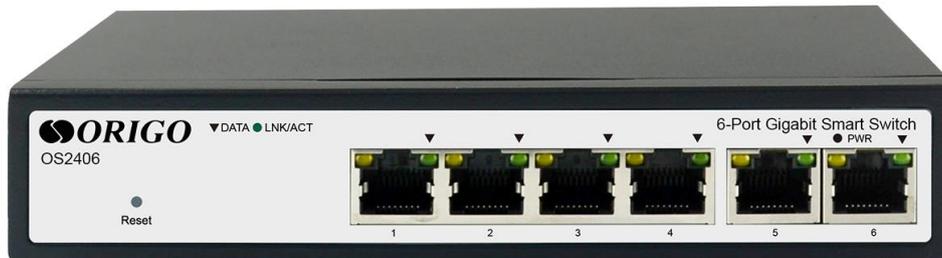




OS2406

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 | <ul style="list-style-type: none">• CPU: RTL8382L• Flash: 16 MB |
| Interfaces | <ul style="list-style-type: none">• 6x10/100/1000Base-T (RJ-45) ports |
| 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 802.1Q (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 | <ul style="list-style-type: none">• Power<ul style="list-style-type: none">- On – power on state- Off – power off state• Link/Act (Ports 1 – 6)<ul style="list-style-type: none">- Always bright – terminal device is connected- Flicker – data pass- Off – no connection |
| Buttons | <ul style="list-style-type: none">• Reset |
| Ventilation | <ul style="list-style-type: none">• Fanless |
| Power | <ul style="list-style-type: none">• Power connector (AC) |
| Mounting | <ul style="list-style-type: none">• Desktop• Wall |

Capacity

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|------------------------|---|
| Switching Capacity | <ul style="list-style-type: none">• 12 Gbps |
| Packet Forwarding Rate | <ul style="list-style-type: none">• 8.93 Mpps |
| Transfer Mode | <ul style="list-style-type: none">• Store-and-forward |
| MAC Address Table | <ul style="list-style-type: none">• 8K entries |
| Packet Buffer | <ul style="list-style-type: none">• 512 KB |
| Jumbo Frame | <ul style="list-style-type: none">• 9 216 bytes |

Software

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|--------------|---|
| L2 Features | <ul style="list-style-type: none">• Flow Control• Port mirroring<ul style="list-style-type: none">- One-to-One- Many-to-One- Ingress, egress, both• Loopback Detection• Cable diagnostics |
| L2 Multicast | <ul style="list-style-type: none">• IGMP Snooping<ul style="list-style-type: none">- IGMP v1/v2- Supports up to 128 groups |
| VLAN | <ul style="list-style-type: none">• 802.1Q tagged VLAN |
| QoS | <ul style="list-style-type: none">• 802.1p• Supports up to 8 queues per port• DSCP• Queue handling<ul style="list-style-type: none">- Strict Priority (SP)- Weighted Round Robin (WRR)• Port-based bandwidth control |
| Security | <ul style="list-style-type: none">• Static MAC addresses• Storm Control• Traffic Segmentation• DHCP Snooping |
| Management | <ul style="list-style-type: none">• Web-based UI |

Physical Parameters

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|---------------------------|--|
| Dimensions (L x W x H) | <ul style="list-style-type: none">• 168 x 94 x 32 mm |
|---------------------------|--|

Operating Conditions

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|---|---|
| Power Input | <ul style="list-style-type: none">• 100-240 V AC, 50/60 Hz |
| MTBF (hours) | <ul style="list-style-type: none">• 50 000 |
| Surge Protection | <ul style="list-style-type: none">• ± 2 kV (common mode)• ± 1 kV (differential mode) |
| Electrostatic Discharge (ESD) Protection | <ul style="list-style-type: none">• Contact discharge: ± 6 kV• Air discharge: ± 8 kV |



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|-------------|--|
| 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

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|------------------|---|
| Package Contents | <ul style="list-style-type: none">• OS2406 Switch• Power Cord• Quick Installation Guide |
|------------------|---|

Order Info

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|--------|-----------------------------------|
| OS2406 | Web Smart L2 Switch, 6x1000Base-T |
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