



OS2210F

10-Port Gigabit Configurable Switch

8x10/100/1000Base-T (RJ-45), 2x1000Base-X SFP, DIP Switch, metal casing, wall mounting



OS2210F is a configurable switch with 8 x 10/100/1000Base-T ports and 2 x 1000Base-X SFP ports.

The ORIGO OS2210F switch is a simple and affordable gigabit solution with optic uplink ports for connecting small workgroups on enterprises, in offices, classrooms and medical facilities.

VLAN Mode allows to isolate traffic of connected devices and ensure security of transmitted data. The modes are configured in hardware with the DIP switch.

The OS2210F switch is designed in compact and durable metal casing, supporting wall mounting. The fanless ventilation system provides noise-free operation of the switch, that allows you to place it in close proximity to working places.

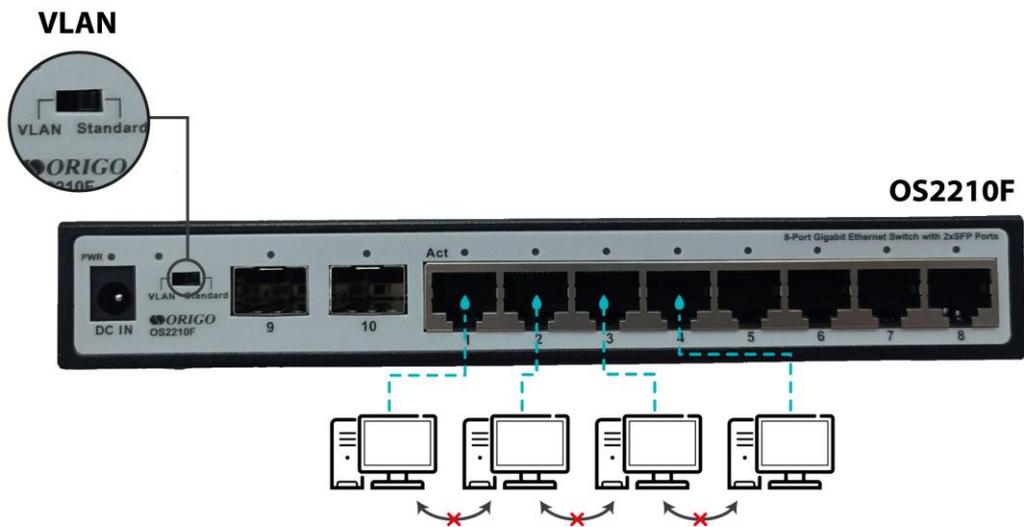
Key Features

- 8 x 10/100/1000Base-T (RJ-45) ports with auto speed negotiation
- 2 x 1000Base-X SFP ports for fiber connection
- VLAN mode for isolating traffic between ports 1 – 8
- Configuring the operating modes with the DIP switch
- Durable metal casing
- Wall mountable
- Noise-free operation



VLAN Mode

- The traffic cannot be transmitted between ports 1-8, but each of these ports can exchange traffic with ports 9 and 10.
- You should set the DIP switch in VLAN position to enable the VLAN mode.





Specifications

Hardware

Chipset	<ul style="list-style-type: none">• EN8850DH
Interfaces	<ul style="list-style-type: none">• 8 x 10/100/1000Base-T (RJ-45) ports• 2 x 1000Base-X SFP 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 802.3z 1000Base-X• IEEE 802.3x (Flow Control)• IEEE 802.3az Energy-Efficient Ethernet• Automatic negotiation of speed and duplex mode• Auto MDI/MDIX adjustment on all copper ports
Data Rate	<ul style="list-style-type: none">• Gigabit Ethernet: 2000 Mbps (full duplex)• Fast Ethernet: 100 Mbps (half duplex) 200 Mbps (full duplex)• Ethernet: 10 Mbps (half duplex) 20 Mbps (full duplex)
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 – 10)<ul style="list-style-type: none">- Always bright – Terminal device connected- Blinking – Data pass- Off – No connection
DIP Switch Operating Modes	<ul style="list-style-type: none">• Standard mode• VLAN mode for isolating traffic of ports 1 – 8
Ventilation System	<ul style="list-style-type: none">• Fanless
Power	<ul style="list-style-type: none">• Connector for connecting the DC power adapter



Casing	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop• Wall

Performance

Switching Capacity	<ul style="list-style-type: none">• 20 Gbps
Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
MAC Address Table Size	<ul style="list-style-type: none">• 2K entries
Packet Forwarding Rate	<ul style="list-style-type: none">• 14 880 pps (10 Mbps)• 148 800 pps (100 Mbps)• 1 488 000 pps (1000 Mbps)
Packet Buffer	<ul style="list-style-type: none">• 384 KB
Jumbo Frame	<ul style="list-style-type: none">• 15 KB

Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none">• 198 x 73 x 29 mm
Weight	<ul style="list-style-type: none">• 0.34 kg
Package Dimensions	<ul style="list-style-type: none">• 21.5 x 10.5 x 6.5 cm
Gross Weight	<ul style="list-style-type: none">• 0.5 kg

Operating Conditions

Power Input	<ul style="list-style-type: none">• Power adapter:<ul style="list-style-type: none">- Input: 100-240 V AC, 50/60 Hz- Output: 12 V DC, 0.5 A• Length of power adapter cable: 1.2 m
Maximum Power Consumption	<ul style="list-style-type: none">• 4.6 W
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">• OS2210F Switch• Power Adapter (1.2 m cable length)• Quick Installation Guide
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Order Info

OS2210F	Configurable Switch, 8x1000Base-T, 2x1000Base-X SFP
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