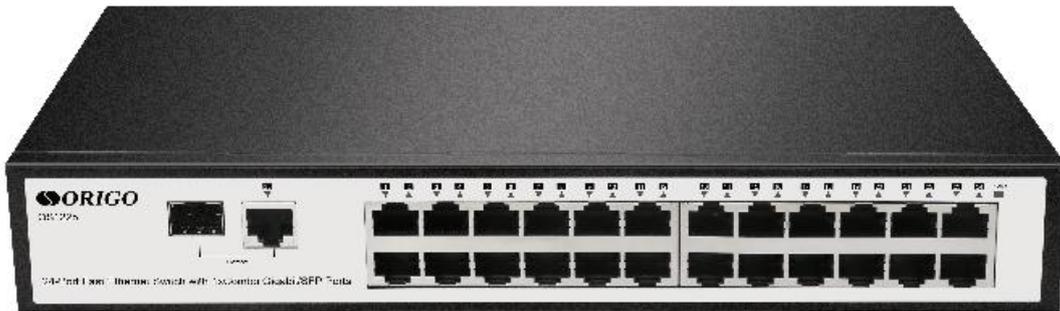# ORIGO

OS1225

25-Port 100Mbps Switch with Gigabit Combo Port

24x10/100Base-TX, 1xCombo 1000Base-T/SFP, 19" rack mounting

OS1225 is a switch with 24 x 10/100 Mbps ports and 1 x 1GbE/SFP combo port.

The ORIGO OS1225 switch is a simple and reliable solution for connecting end users to enterprise, office, educational and medical facilities network.

The switch requires no configuration and is ready for operation immediately after connecting power. All ports support auto speed negotiation. Auto MDI/MDIX adjustment allows the switch to adapt to any type of Ethernet cable – straight-through or crossover.

The 1GbE/SFP gigabit combo port provides flexible connection to enterprise network over fiber or twisted-pair cable.

The switch is designed in metal casing, supporting 19" rack mounting. The mounting kit is included.

Key Features

- 24 x 10/100 Mbps (RJ-45) ports with auto speed negotiation
- 1000Base-T/SFP gigabit combo port for flexible connection
- Auto MDI/MDIX adjustment
- 802.3az Energy-Efficient Ethernet
- Robust fanless design
- 19" rack mounting
- No configuration required

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Specifications

Hardware

Chipset	• IP1829A
Interfaces	• 24 x 10/100Base-TX (RJ-45) ports • 1 x 100/1000Base-T/SFP combo port
Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3z 1000Base-X • IEEE 802.3az Energy-Efficient Ethernet • IEEE 802.3x (Flow Control) • Automatic negotiation of speed and duplex mode • Auto MDI/MDIX adjustment

LEDs	• Power
	  - On – Power on state
	  - Off – Power off state
	• Link/Act (ports 1 – 25)
	  - Always bright – Terminal device connected
	  - Blinking – Data pass
	  - Off – No connection

Power	• Power connector (AC)
Ventilation System	• Fanless
Casing	• Metal
Mounting	• Desktop • 19" rackmount

Performance

Switching Capacity	• 6.8 Gbps
Transfer Mode	• Store-and-forward
MAC Address Table Size	• 16K entries
Packet Forwarding Rate	• 6.55 Mpps

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Packet Buffer	• 512 KB
Jumbo Frame	• 1660 bytes

Physical Parameters

Dimensions (W × D × H)	• 290 x 179 x 44 mm
Weight	• 1.28 kg
Package Dimensions	• 35 x 27.2 x 9.1 cm
Gross Weight	• 1.84 kg

Operating Conditions

Power Input	• 100-240 V AC, 50/60 Hz
Power Consumption	• 3.5 W
Temperature	• Operating: 0 to 45 °C • Storage: -40 to 70 °C
Humidity	• Operating: 10% to 90% (non-condensing) • Storage: 5% to 90% (non-condensing)

Package Contents

Package Contents	• OS1225 Switch • Power Cord • 19" Rack-Mount Kit • Quick Installation Guide

Order Info

OS1225	Switch, 24x100Base-TX, 1xCombo 1000Base-T/SFP