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OS1108

8-Port 100Mbps Switch

8x10/100Base-TX, plastic casing, desktop installation

OS1108 is a switch with 8 x 10/100 Mbps ports in compact casing for desktop installation.

The ORIGO OS1108 switch is a simple and affordable solution for extending home wired network and connecting small workgroups in offices, educational and medical facilities.

The OS1108 switch requires no configuration and is ready for operation immediately after connecting power.

The switch selects maximum possible connection speed for connected device automatically and activates duplex mode.

Auto MDI/MDIX adjustment allows the switch to adapt to any type of Ethernet cable – straight-through or crossover.

The fanless ventilation system provides noise-free operation of the switch.

Key Features

- 8 x 10/100 Mbps (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- IEEE 802.3x Flow Control
- Energy Saving function
- 131 x 52 x 20 mm compact desktop design
- Noise-free operation
- No configuration required

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Specifications

Hardware

Chipset	• IP178G
Interfaces	• 8 x 10/100Base-TX (RJ-45) ports
Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3x (Flow Control) • IEEE 802.3az Energy-Efficient Ethernet • Automatic negotiation of speed and duplex mode • Auto MDI/MDIX adjustment

Data Rate	• Fast Ethernet:
	    100 Mbps (half duplex)
	    200 Mbps (full duplex)
	• Ethernet:
	    10 Mbps (half duplex)
	    20 Mbps (full duplex)

LEDs	• Power
	  - On – Power on state
	  - Off – Power off state
	• Link/Act (ports 1 – 8)
	  - Always bright – Terminal device connected
	  - Blinking – Data pass
	  - Off – No connection

Power	• Connector for connecting the DC power adapter
Ventilation System	• Fanless
Casing	• Plastic
Mounting	• Desktop

Performance

Switching Capacity	• 1.6 Gbps
Transfer Mode	• Store-and-forward
MAC Address Table Size	• 1K entries

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Packet Forwarding Rate	• 1.19 Mpps
Packet Buffer	• 56 KB
Jumbo Frame	• 1532 bytes

Physical Parameters

Dimensions (W × D × H)	• 131 x 52 x 20 mm
Weight	• 80 g
Package Dimensions	• 16.3 x 7.9 x 6.2 cm
Gross Weight	• 0.2 kg

Operating Conditions

Power Input	• Power adapter:
	  - Input: 100-240 V AC, 50/60 Hz
	  - Output: 5 V DC, 0.55 A

Power Consumption	• 1.7 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	• OS1108 Switch • Power Adapter • Quick Installation Guide

Order Info

OS1108	Switch, 8x100Base-TX, plastic casing