



OS2105

5-Port Gigabit Switch

5x10/100/1000Base-T (RJ-45), plastic casing, desktop/wall mounting



OS2105 is a switch with 5 x 10/100/1000Base-T ports in compact plastic casing, supporting wall mounting.

The ORIGO OS2105 switch is an affordable gigabit solution for extending home wired network and connecting small workgroups on enterprises, in offices, classrooms and medical facilities.

The OS2105 switch requires no configuration and is ready for operation immediately after connecting power. Auto MDI/MDIX adjustment and auto speed negotiation support allows the switch to detect Ethernet cable type and connect devices at maximum possible connection speed for each device – 10, 100 or 1000 Mbps.

The switch provides low latency performance for time sensitive applications, including IPTV, VoIP and online gaming, due to IGMP Snooping and 802.1p (QoS) support.

Key Features

- 5 x 10/100/1000 Mbps (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- IEEE 802.3x Flow Control
- Energy Saving function
- Compact and noise-free
- Wall mountable
- No configuration required



Specifications

Hardware

Chipset	<ul style="list-style-type: none">• EN8855H
Interfaces	<ul style="list-style-type: none">• 5 x 10/100/1000Base-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 802.3x (Flow Control)• IEEE 802.3az Energy-Efficient Ethernet• Automatic negotiation of speed and duplex mode• IEEE 802.1p QoS• IGMP Snooping• Auto MDI/MDIX adjustment
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 – 5)<ul style="list-style-type: none">- Always bright – Terminal device connected- Blinking – Data pass- Off – No connection
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">• Plastic
Mounting	<ul style="list-style-type: none">• Desktop• Wall



Performance

Switching Capacity	• 10 Gbps
Transfer Mode	• Store-and-forward
MAC Address Table Size	• 8K entries
Packet Forwarding Rate	• 7.44 Mpps
Packet Buffer	• 512 KB
Jumbo Frame	• 15 KB

Physical Parameters

Dimensions (W × D × H)	• 100 x 67.5 x 25.6 mm
Weight	• 80 g
Package Dimensions	• 11 x 7.9 x 6.2 cm
Gross Weight	• 0.18 kg

Operating Conditions

Power Input	• Power adapter: - Input: 100-240 V AC, 50/60 Hz - Output: 5 V DC, 0.55 A
Maximum Power Consumption	• 2.75 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	• OS2105 Switch • Power Adapter • Quick Installation Guide
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Order Info

OS2105	Switch, 5x1000Base-T, plastic casing
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