



OS2216

16-Port Gigabit Configurable Switch

16x10/100/1000Base-T, DIP Switch, 19" rack mounting



OS2216 is a configurable switch with 16 x 10/100/1000Base-T ports.

The ORIGO OS2216 switch is a modern gigabit solution for connecting workgroups on enterprises, in offices, classrooms and medical facilities.

The OS2216 switch supports enhanced functions for configurable switch such as traffic control and ensuring network secure operation. All the functions can be activated with the DIP switch on the casing.

VLAN Mode allows to provide traffic segmentation for connected devices and ensure security of transmitted data.

In Network Cloning Mode, traffic can be transmitted between all ports of the switch, while IEEE 802.3x Flow Control is disabled.

The modes are configured in hardware with the DIP switch.

All ports support auto MDI/MDIX adjustment and detect the type of connected cable automatically.

Auto negotiation function allows the switch to select maximum possible connection speed for connected device and activate duplex mode.

The switch requires no configuration and is ready for operation immediately after connecting power. The 19" rack mounting kit is included.

Key Features

- 16 x 10/100/1000Base-T (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- DIP switch for activating the operating modes
- VLAN mode for isolating traffic between ports
- Network Cloning mode for disabling IEEE 802.3x flow control
- Configuring the operating modes with the DIP switch
- Fanless ventilation system
- 19" rack mounting



DIP Switch Operating Modes

Standard Mode

The traffic can be transmitted between all ports of the switch.

Network Cloning Mode

The traffic can be transmitted between all ports of the switch, while IEEE 802.3x Flow Control is disabled.

VLAN Mode

The traffic cannot be transmitted between ports 1-14, but each of these ports can exchange traffic with ports 15 and 16.

Specifications

Hardware

Chipset	<ul style="list-style-type: none">• EN8853D
Interfaces	<ul style="list-style-type: none">• 16 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)• Auto MDI/MDIX adjustment on all ports
DIP Switch Operating Modes	<ul style="list-style-type: none">• Standard<ul style="list-style-type: none">- Transmitting traffic between all ports- IEEE 802.3x Flow Control• Network Cloning<ul style="list-style-type: none">- IEEE 802.3x Flow Control is disabled on all ports• VLAN<ul style="list-style-type: none">- Traffic isolation for ports 1-14- IEEE 802.3x Flow Control
LEDs	<ul style="list-style-type: none">• Power<ul style="list-style-type: none">- Always bright green - Power on state- Off – Power off state• Link/Act (ports 1 – 16)<ul style="list-style-type: none">- Always bright green – Terminal device is connected- Blinking green - Data pass- Off – No connection



Power	<ul style="list-style-type: none">• Power connector (AC)
Ventilation System	<ul style="list-style-type: none">• Fanless
Casing	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop• 19" rackmount

Performance

Switching Capacity	<ul style="list-style-type: none">• 32 Gbps
Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
MAC Address Table Size	<ul style="list-style-type: none">• 8K entries
Packet Forwarding Rate	<ul style="list-style-type: none">• 23.8 Mpps
Packet Buffer	<ul style="list-style-type: none">• 512 KB
Jumbo Frame	<ul style="list-style-type: none">• 15 bytes

Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none">• 270 x 181 x 44 mm
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Operating Conditions

Power Input	<ul style="list-style-type: none">• 100-240 V AC, 50/60 Hz
Power Consumption	<ul style="list-style-type: none">• 8.34 W
Temperature	<ul style="list-style-type: none">• Operating: 0 to 50 °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">• OS2216 Switch• Power Cord• 19" Rack-Mount Kit• Quick Installation Guide
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Order Info

OS2216	Configurable Switch, 16x1000Base-T
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