



OS2328

24-Port Gigabit L2 Managed Switch with 4 Combo Gigabit/SFP Ports

24x10/100/1000Base-T, 4xCombo 100/1000Base-T/SFP, 19" rack mounting



The ORIGO OS2328 is a managed L2 switch with 24x10/100/1000Base-T ports and 4xCombo 1000Base-T/SFP uplinks.

The OS2328 switch provides reliable access-layer connectivity, combining gigabit speeds, simplicity, and affordability to meet the needs of SMBs, public institutions, and educational networks.

Designed to simplify network deployment, the OS2328 supports 802.1Q VLAN for traffic segmentation, Voice VLAN and Auto Surveillance VLAN for seamless IP phone and video surveillance integration, with 802.1X authentication providing secure network access. Advanced features such as loopback detection, STP/RSTP redundancy, and built-in cable diagnostics deliver stable, resilient, and easy-to-maintain networks.

The switch can be managed through a Web-based UI or SNMP, making it an excellent choice for networks that need cost-effective gigabit performance with essential manageability.

Key Features

- 24x10/100/1000Base-T (RJ-45) ports
- 4xCombo 100/1000Base-T/SFP uplinks
- 802.1Q VLAN, Voice VLAN, Auto Surveillance VLAN
- 802.1X Authentication
- Loopback Detection for preventing switching loops
- STP/RSTP for enhanced redundancy and fault tolerance
- Comprehensive QoS features
- IGMP Snooping for efficient multicast traffic handling
- Cable diagnostics for testing cabling and identifying faults
- Management via Web UI and SNMP



Specifications

Hardware

CPU and Memory	<ul style="list-style-type: none">• CPU: EN8853C• RAM: 512 KB• Flash: 16 MB
Interfaces	<ul style="list-style-type: none">• 24x10/100/1000Base-T (RJ-45)• 4xCombo 100/1000Base-T/SFP
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 802.1Q (VLAN)• IEEE 802.1p (QoS)• IEEE 802.3x (Flow Control)• Auto-Negotiation• Auto MDI/MDIX on all copper ports
LEDs	<ul style="list-style-type: none">• Power<ul style="list-style-type: none">- On (red) – power on state- Off – power off state• Link/Act (port 1 – 28)<ul style="list-style-type: none">- Always bright green – terminal device is connected- Flicker green – data pass- Off – no connection• SYS<ul style="list-style-type: none">- Blinking: System operating normally- Off: System is booting or a fault has occurred
Button	<ul style="list-style-type: none">• Reset
Power	<ul style="list-style-type: none">• Power input (AC)
Housing	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop• 19" rackmount



Performance

Switching Capacity	• 56 Gbps
Packet Forwarding Rate	• 35.7 Mpps
Transfer Mode	• Store-and-forward
MAC Address Table	• 8K entries
Packet Buffer	• 512 KB
Jumbo Frame	• 15 KB

Software

L2 Features	<ul style="list-style-type: none">• Port mirroring<ul style="list-style-type: none">- One-to-One- Many-to-One- Ingress/egress traffic mirroring• Static Link Aggregation• Loopback Detection• Spanning Tree Protocol<ul style="list-style-type: none">- 802.1D STP- 802.1w RSTP• LLDP• Cable Diagnostics
L2 Multicast	<ul style="list-style-type: none">• IGMP Snooping<ul style="list-style-type: none">- IGMP v1/v2- IGMP Snooping Querier- Supports up to 64 groups
VLAN	<ul style="list-style-type: none">• Port-based VLAN• 802.1Q tagged VLAN• Voice VLAN• Auto Surveillance VLAN• VLAN Groups<ul style="list-style-type: none">- Up to 32 static VLAN groups- Maximum VID range: 1-4094
QoS	<ul style="list-style-type: none">• 802.1p

	<ul style="list-style-type: none"> • Supports up to 8 queues per port • CoS based on: <ul style="list-style-type: none"> - Switch port - DSCP - MAC Address - Ether type - TCP/UDP port numbers - IPv6 traffic class - IPv6 flow label - User-defined packetQueue Handling - Strict Priority (SP) - Weighted Round Robin (WRR) - Weighted Fair Queuing (WFQ) • Bandwidth Control <ul style="list-style-type: none"> - Port-based (ingress/egress, min. 32 Kbps)
Security	<ul style="list-style-type: none"> • Port Security • Storm Control • DoS Attack Prevention • DHCP Snooping • SSL <ul style="list-style-type: none"> - TLS support
AAA	<ul style="list-style-type: none"> • 802.1X Authentication: <ul style="list-style-type: none"> - Port-Based - Host-based
Management	<ul style="list-style-type: none"> • Web-based UI • SNMP v1/v2c • SNMP Traps • DHCP Relay • Multi-version firmware support
Physical Parameters	
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 440 x 180 x 44.5 mm



Operating Conditions

Power	<ul style="list-style-type: none">• 100-240V AC, 50/60 Hz
Power Consumption	<ul style="list-style-type: none">• 24W
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

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Order Info

OS2328	Managed L2 Switch, 24x1000Base-T, 4xCombo 1000Base-T/SFP
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