ZYXEL

# Zyxel GS-1900-24 v2 Managed L2 Gigabit Ethernet (10/100/1000) 1U Black

**Brand :** Zyxel                    **Product code:** GS1900-24-GB0102F

**Product name :** GS-1900-24 v2

- Start up button
- VLAN
- QoS
- Link aggregation

24-port GbE, Total 26, 100/1000 Mbps, SFP 100/1000 Mbps 2, 52 Gbps, 39 Mpps, 525 K byte, 8 K MAC, 9 K byte, 100 - 240 V AC, 50/60 Hz, 16 W, 440 x 131 x 44 mm, 2.09 kg, GB
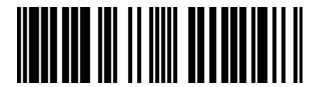
Zyxel GS-1900-24 v2. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24. Full duplex. MAC address table: 8000 entries, Switching capacity: 52 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE.... Power connector: AC-in jack. Rack mounting, Form factor: 1U

## Management features

| | |
|---|---|
| Switch type * | Managed |
| Switch layer | L2 |
| Quality of Service (QoS) support | ✔ |
| Web-based management | ✔ |
| System event log | ✔ |
| MIB support | RFC 1213 MIB II, RFC 2819 RMON (group 1, 2, 3, 9), RFC 1215, RFC 1493 |

## Ports & interfaces

| | |
|---|---|
| Basic switching RJ-45 Ethernet ports quantity * | 24 |
| Basic switching RJ-45 Ethernet ports type * | Gigabit Ethernet (10/100/1000) |
| SFP module slots quantity | 2 |
| Power connector | AC-in jack |

## Network

| | |
|---|---|
| Networking standards * | IEEE 802.1D, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x |
| 10G support * | ✖ |
| Port mirroring | ✔ |
| Full duplex | ✔ |
| Flow control support | ✔ |
| Link aggregation | ✔ |
| Spanning tree protocol | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| MAC address auto-learning supported | ✔ |
| VLAN support | ✔ |
| Virtual LAN features | Tagged VLAN, VLAN Identifier ( VLAN ID), Voice VLAN |

## Design

| | |
|---|---|
| Stackable * | ✔ |
| Form factor | 1U |
| Product colour | Black |
| Reset button | ✔ |
| LED indicators | ✔ |

## Performance

| | |
|---|---|
| Mean time between failures (MTBF) | 432.673 h |

## Power

| | |
|---|---|
| Power source * | AC |
| Power supply included * | ✔ |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| Power consumption (max) | 16 W |

## Power over Ethernet (PoE)

| | |
|---|---|
| Power over Ethernet (PoE) * | ✖ |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 50 °C |
| Storage temperature (T-T) | -40 - 70 °C |
| Operating relative humidity (H-H) | 10 - 95% |
| Storage relative humidity (H-H) | 10 - 95% |
| Heat dissipation | 55 BTU/h |

## Weight & dimensions

| | |
|---|---|
| Width | 440 mm |
| Depth | 131 mm |
| Height | 44 mm |
| Weight | 2.09 kg |

## Packaging content

| | |
|---|---|
| Cables included | AC |
| Rack mount kit | ✔ |

## Data transmission

| | |
|---|---|
| Switching capacity * | 52 Gbit/s |
| Forwarding rate | 39 Mpps |
| MAC address table * | 8000 entries |
| Store-and-forward | ✓ |
| Jumbo frames support | ✓ |
| Jumbo frames | 9000 |
| Packet buffer memory | 0.525 MB |

## Security

| | |
|---|---|
| DHCP features | DHCP client |
| IGMP snooping | ✓ |
| Security algorithms | 802.1x RADIUS |
| MAC address filtering | ✓ |
| Static port security | ✓ |
| SSH/SSL support | ✓ |
| Password protection | ✓ |
| Authentication type | RADIUS, TACACS+ |

## Design

| | |
|---|---|
| Rack mounting * | ✓ |

## Packaging data

| | |
|---|---|
| Package type | Box |
| Package width | 561 mm |
| Package depth | 217 mm |
| Package height | 82 mm |
| Package weight | 2.85 kg |

## Certificates

| | |
|---|---|
| Certification | EMC ■ CE, FCC, C-Tick, Class A (GS1900-24/24EP/24HPv2/48/48HPv2) ■ CE, FCC, C-Tick, Class B (GS1900-8/8HP/10HP/16/24E) ■ BSMI CNS13438 • Safety ■ LVD EN60950-1 ■ BSMI CNS14336-1 ■ CB IEC60950-1 (GS1900-8HP/10HP/16/24E/24) • RoHS compliant |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 85176990 |

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