# ZYXEL

## Zyxel GS1920-24V2 Hallittu Gigabit Ethernet (10/100/1000) musta

**Tuotemerkki :** Zyxel                    **Tuotekoodi:** GS1920-24V2-EU0101F
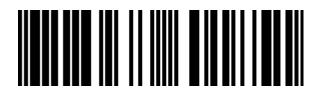
**Tuotteen nimi :** GS1920-24V2

Zyxel GS1920-24V2. Kytkin tyyppi: Hallittu. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 24. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 56 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Telineasennus

| Management features | |
|---|---|
| Switch type * | Managed |
| Quality of Service (QoS) support | ✔ |
| ARP inspection | ✔ |
| System event log | ✔ |
| MIB support | RFC 1066, RFC 1213, RFC 1157, RFC 1493, RFC 1643, RFC 1757, RFC 2011.2012,2013, RFC 2233, RFC 2358, RFC 2674, RFC 2819,2925, RFC 3621, RFC 4022, RFC 4113, RFC 4292, RFC 4293 |

| Ports & interfaces | |
|---|---|
| Basic switching RJ-45 Ethernet ports quantity * | 24 |
| Basic switching RJ-45 Ethernet ports type * | Gigabit Ethernet (10/100/1000) |
| Combo SFP ports quantity | 4 |
| Fiber optic connector | SFP |

| Network | |
|---|---|
| Networking standards * | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z |
| 10G support * | ✖ |
| Copper ethernet cabling technology | 100BASE-TX, 1000BASE-T |
| Flow control support | ✔ |
| Rate limiting | ✔ |
| Spanning tree protocol | ✔ |
| VLAN support | ✔ |

| Multicast features | |
|---|---|
| Multicast support | ✔ |

| Design | |
|---|---|
| Rack mounting * | ✔ |
| Product colour | Black |
| LED indicators | ✔ |
| Safety | LVD, BSMI |
| Electromagnetic compatibility | FCC 15 A, CE A, BSMI EMC |

| Performance | |
|---|---|
| Internal memory | 256 MB |
| Flash memory | 32 MB |
| Noise level | 0 dB |
| Mean time between failures (MTBF) | 911301 h |

| Power | |
|---|---|
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| Power consumption (max) | 22.5 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 | 76.73 BTU/h |

| Weight & dimensions | |
|---|---|

## Network

| | |
|---|---|
| Virtual LAN features | Private VLAN, Voice VLAN, Protocol-based VLAN, MAC address-based VLAN, Port-based VLAN, IP subnet–based VLAN |

## Optical fiber

| | |
|---|---|
| Fiber ethernet cabling technology | 1000BASE-X |

## Data transmission

| | |
|---|---|
| Switching capacity * | 56 Gbit/s |
| Forwarding rate | 42 Mpps |
| MAC address table * | 16000 entries |
| Packet buffer memory | 1.5 MB |

## Security

| | |
|---|---|
| DHCP features | DHCP snooping, DHCP relay, DHCPv6 relay, DHCP client |
| Access Control List (ACL) | ✔ |
| IGMP snooping | ✔ |
| Security algorithms | 802.1x RADIUS, SNMP, SNMPv3 |
| MAC address filtering | ✔ |
| IP-MAC-Port binding | ✔ |
| Authentication | Guest VLAN, Port-based authentication |
| Password protection | ✔ |
| Authentication type | IEEE 802.1x, RADIUS |
| CPU defense | ✔ |
| Queue scheduling algorithms | SPQ, WFQ, Weighted Round Robin (WRR) |

## Weight & dimensions

| | |
|---|---|
| Width | 441 mm |
| Depth | 131 mm |
| Height | 44 mm |
| Weight | 2.1 kg |

## Packaging content

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

## Packaging data

| | |
|---|---|
| Package width | 558 mm |
| Package depth | 214 mm |
| Package height | 79 mm |
| Package weight | 2.91 kg |

## Certificates

| | |
|---|---|
| Certification | RoHS |

## Logistics data

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

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