ZYXEL

Zyxel GS1920-48V2 Managed Gigabit Ethernet (10/100/1000) Black

Brand : Zyxel

Product code: GS1920-48V2-GB0101F

Product name : GS1920-48V2

- Inbuilt 'awareness' of other zyxel units in your network
- Web GUI interface for centralised management
- One-click remote factory resets and power cycling
- No additional software required

GS1920-48V2, 44x 1G RJ-45 PoE, 4x 1G RJ-45/SFP, 2x G SFP, 100 Gbps, 74 Mpps, 441x200x44.5 mm, GB

Zyxel GS1920-48V2. Switch type: Managed. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 44. MAC address table: 16000 entries, Switching capacity: 100 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Rack mounting

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 *	44
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Combo SFP ports quantity	4
SFP module slots quantity	2
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	✓
Virtual LAN features	Private VLAN, Voice VLAN, Protocol-based VLAN, MAC address-based VLAN, Port-based VLAN, IP subnet–based VLAN

Multicast features	
Multicast support	✓

Design	
Rack mounting *	✓
Product colour	Black
LED indicators	✓
Safety	LVD, BSMI
Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
Certification	RoHS

Performance	
Internal memory	256 MB
Flash memory	32 MB
Noise level	26 dB
Mean time between failures (MTBF)	672235 h

Power	
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	36.9 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	125.83 BTU/h

Weight & dimensions	
Width	440 mm
Depth	220 mm
Height	44.5 mm
Weight	2.8 kg

Optical fiber	
Fiber ethernet cabling technology	1000BASE-X

Data transmission	
Switching capacity *	100 Gbit/s
Forwarding rate	74 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)

Packaging data	
Cables included	AC
Rack mount kit	✓
Package width	496 mm
Package depth	289 mm
Package height	90 mm
Package weight	3.97 kg

Logistics data	
Harmonized System (HS) code	85176990

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