

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		Multicast features	
Switch type *	Managed	Multicast support	✓
Quality of Service (QoS) support	✓	Design	
ARP inspection	✓	Rack mounting *	✓
System event log	✓	Product colour	Black
	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	LED indicators	✓
MIB support		Safety	LVD, BSMI
		Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
		Certification	RoHS
Ports & interfaces		Performance	
Basic switching RJ-45 Ethernet ports quantity *	44	Internal memory	256 MB
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Flash memory	32 MB
Combo SFP ports quantity	4	Noise level	26 dB
SFP module slots quantity	2	Mean time between failures (MTBF)	672235 h
Fiber optic connector	SFP	Power	
Network		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power consumption (max)	36.9 W
		Power over Ethernet (PoE)	
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	Power over Ethernet (PoE) *	✗
10G support *	✗	Operational conditions	
Copper ethernet cabling technology	100BASE-TX, 1000BASE-T	Operating temperature (T-T)	0 - 50 °C
Flow control support	✓	Storage temperature (T-T)	-40 - 70 °C
Rate limiting	✓	Operating relative humidity (H-H)	10 - 95%
Spanning tree protocol	✓	Storage relative humidity (H-H)	10 - 95%
VLAN support	✓	Heat dissipation	125.83 BTU/h
	Private VLAN, Voice VLAN, Protocol-based VLAN, MAC address-based VLAN, Port-based VLAN, IP subnet-based VLAN	Weight & dimensions	
Virtual LAN features		Width	440 mm
		Depth	220 mm
		Height	44.5 mm
		Weight	2.8 kg

Optical fiber		Packaging data	
Fiber ethernet cabling technology	1000BASE-X	Cables included	AC
Data transmission		Rack mount kit	✓
Switching capacity *	100 Gbit/s	Package width	496 mm
Forwarding rate	74 Mpps	Package depth	289 mm
MAC address table *	16000 entries	Package height	90 mm
Packet buffer memory	1.5 MB	Package weight	3.97 kg
Security		Logistics data	
DHCP features	DHCP snooping, DHCP relay, DHCPv6 relay, DHCP client	Harmonized System (HS) code	85176990
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)		



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