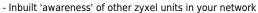
ZYXEL

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

Brand: Zyxel **Product code**: GS1920-48V2-GB0101F

Product name: GS1920-48V2



- 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 802.1x, 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 *	1
RFC 14 RFC 20 RFC 23 2819,29	•	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	✓
		Safety	LVD, BSMI
		Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
		Certification	RoHS
Ports & interfaces		Performance	
Basic switching RJ-45 Ethernet ports		Internal memory	256 MB
quantity *	44	Flash memory	32 MB
Basic switching RJ-45 Ethernet ports	Gigabit Ethernet (10/100/1000)	Noise level	26 dB
type *		Mean time between failures (MTBF)	672235 h
Combo SFP ports quantity	4	Power	
SFP module slots quantity	2	AC input voltage	100 - 240 V
Fiber optic connector	SFP	AC input frequency	50 - 60 Hz
Network		Power consumption (max)	36.9 W
802.1ab, IEEE 802.1 Networking standards * IEEE 802.1w, IEEE 8 802.3ab, IEEE 802.3	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.2ab, IEEE	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	×
	IEEE 802.3x, IEEE 802.3z	Operational conditions	
10G support *	IEEE 802.3x, IEEE 802.3z X	Operational conditions Operating temperature (T-T)	0 - 50 °C
Copper ethernet cabling technology	IEEE 802.3x, IEEE 802.3z X 100BASE-TX, 1000BASE-T	•	
Copper ethernet cabling technology Flow control support	IEEE 802.3x, IEEE 802.3z X 100BASE-TX, 1000BASE-T √	Operating temperature (T-T)	0 - 50 °C
Copper ethernet cabling technology Flow control support Rate limiting	IEEE 802.3x, IEEE 802.3z X 100BASE-TX, 1000BASE-T	Operating temperature (T-T) Storage temperature (T-T)	0 - 50 °C -40 - 70 °C
Copper ethernet cabling technology Flow control support Rate limiting Spanning tree protocol	IEEE 802.3x, IEEE 802.3z X 100BASE-TX, 1000BASE-T √	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	0 - 50 °C -40 - 70 °C 10 - 95%
Copper ethernet cabling technology Flow control support Rate limiting	IEEE 802.3x, IEEE 802.3z X 100BASE-TX, 1000BASE-T √ √	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	0 - 50 °C -40 - 70 °C 10 - 95% 10 - 95%
Copper ethernet cabling technology Flow control support Rate limiting Spanning tree protocol VLAN support	IEEE 802.3x, IEEE 802.3z X 100BASE-TX, 1000BASE-T √	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Heat dissipation	0 - 50 °C -40 - 70 °C 10 - 95% 10 - 95%
Copper ethernet cabling technology Flow control support Rate limiting Spanning tree protocol	IEEE 802.3x, IEEE 802.3z ** 100BASE-TX, 1000BASE-T	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Heat dissipation Weight & dimensions	0 - 50 °C -40 - 70 °C 10 - 95% 10 - 95% 125.83 BTU/h
Copper ethernet cabling technology Flow control support Rate limiting Spanning tree protocol VLAN support	IEEE 802.3x, IEEE 802.3z ** 100BASE-TX, 1000BASE-T	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Heat dissipation Weight & dimensions Width	0 - 50 °C -40 - 70 °C 10 - 95% 10 - 95% 125.83 BTU/h

Optical fiber		Packaging data	
Fiber ethernet cabling technology	1000BASE-X	Cables included	AC
Data transmission		Rack mount kit	√ 496 mm
Switching capacity * Forwarding rate MAC address table * Packet buffer memory	100 Gbit/s 74 Mpps 16000 entries 1.5 MB	Package width Package depth Package height Package weight	289 mm 90 mm 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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