

ZYXEL

## Zyxel GS1920-24HPV2 Managed Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Schwarz

Marke : Zyxel

Artikel-Code: GS192024HPV2-EU0101F

Produktname : GS1920-24HPV2



Zyxel GS1920-24HPV2. Switch-Typ: Managed. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 56 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack-Einbau



Management-Funktionen		Design	
Switch-Typ *	Managed	Rack-Einbau *	✓
Quality of Service (QoS) Support	✓	Produktfarbe	Schwarz
ARP-Inspektion	✓	LED-Anzeigen	✓
Systemereignisprotokoll	✓	Sicherheit	LVD, BSMI
MIB Unterstützung	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	Elektromagnetische Verträglichkeit	FCC 15 A, CE A, BSMI EMC
Anschlüsse und Schnittstellen		Leistungen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24	Speicherkapazität	256 MB
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	Flash-Speicher	32 MB
Anzahl Combo-SPF-Anschlüsse	4	Geräuschpegel	27,2 dB
Optischer Kabelverbinder	SFP	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	638691 h
Netzwerk		Energie	
Netzstandard *	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 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	AC Eingangsspannung	100 - 240 V
10G-Unterstützung *	✗	AC Eingangsfrequenz	50 - 60 Hz
Kupfer Ethernet Verkabelungstechnologie	100BASE-TX, 1000BASE-T	Stromverbrauch (max.)	463,5 W
Unterstützung Datenflusssteuerung	✓	Power over Ethernet (PoE)	
Ratenbeschränkung	✓	Power over Ethernet (PoE) *	✓
Spannbaum-Protokoll	✓	Anzahl Power over Ethernet (PoE) Anschlüsse	24
		Gesamtleistung Power over Ethernet (PoE)	375 W
		Betriebsbedingungen	
		Betriebstemperatur	0 - 50 °C
		Temperaturbereich bei Lagerung	-40 - 70 °C
		Relative Luftfeuchtigkeit in Betrieb	10 - 95%
		Luftfeuchtigkeit bei Lagerung	10 - 95%
		Wärmeableitung	1580,54 BTU/h

Netzwerk		Gewicht und Abmessungen	
VLAN-Unterstützung	✓	Breite	441 mm
Virtuelle LAN-Funktionen	Private VLAN, Voice VLAN, Protocol-based VLAN, MAC address-based VLAN, Port-based VLAN, IP subnet-based VLAN	Tiefe	270 mm
		Höhe	44 mm
		Gewicht	3,8 kg
Lichtwellenleiter		Lieferumfang	
Ethernet-Kabel Verkablungstechnologie	1000BASE-X	Mitgelieferte Kabel	AC
		Rackmontageset	✓
Datenübertragung		Verpackungsdaten	
Routing-/Switching-Kapazität *	56 Gbit/s	Verpackungsbreite	616 mm
Transferrate	42 Mpps	Verpackungstiefe	355 mm
MAC-Adressentabelle *	16000 Eintragungen	Verpackungshöhe	107 mm
Datenpaket-Pufferspeicher	1,5 MB	Paketgewicht	4,97 kg
Sicherheit		Zertifikate	
DHCP-Funktionen	DHCP snooping, DHCP relay, DHCPv6 relay, DHCP client	Zertifizierung	RoHS
Zugriffskontrollliste	✓	Logistikdaten	
IGMP-Snooping	✓	Warentarifnummer (HS)	85176990
Unterstützte Sicherheitsalgorithmen	802.1x RADIUS, SNMP, SNMPv3		
MAC Adressen Filtern	✓		
IP-MAC-Portbindung	✓		
Authentifizierung	Gast VLAN, Port-basierte Authentifizierung		
Passwortschutz	✓		
Autentifizierungstyp	IEEE 802.1x, RADIUS		
CPU-Verteidigung	✓		
Warteschleifenplanungs-Algorithmen	SPQ, WFQ, Weighted Round Robin (WRR)		
Multicast-Funktionen			
Multicast Unterstützung	✓		



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