

Specifications

Model		GS1920-8HPv2	GS1920-24v2	GS1920-24HPv2	GS1920-48v2	GS1920-48HPv2
Product name		8-port GbE	24-port GbE	24-port GbE	48-port GbE	48-port GbE
		Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed
		PoE Switch	Switch	PoE Switch	Switch	PoE Switch
Switch class		Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed
Port Density						
Total port count		10	28	28	50	50
100/1000 Mbps		8	24	24	44	44
Gigabit Combo (RJ-45/SFP)		2	4	4	4	4
Gigabit SFP		-	-	-	2	2
PoE						
PoE ports		8	-	24	-	48
Total PoE budget (Watts)		130	-	375	-	375
High power PoE 802.3at		Yes	-	Yes	-	Yes
Performance						
Switching capacity (Gbps)		20	56	56	100	100
Forwarding rate (Mpps)		15	42	42	74	74
Packet buffer (byte)		1.5 M	1.5 M	1.5 M	1.5 M	1.5 M
MAC address table		16 K	16 K	16 K	16 K	16 K
Flash/RAM		32 MB/256 MB	32 MB/256 MB	32 MB/256 MB	32 MB/256 MB	32 MB/256 MB
Power						
Input		100 to 240 V AC, 50/60 Hz	100 to 240 V AC, 50/60 Hz	100 to 240 V AC, 50/60 Hz	100 to 240 V AC, 50/60 Hz	100 to 240 V AC, 50/60 Hz
Max. power consumption (watt)		161.8	22.5	463.5	36.9	474.3
Physical Specifications						
Item	Dimensions (WxDxH) (mm/in.)	267 x 162 x 44/ 10.51 x 6.38 x 1.73	441 x 131 x 44/ 17.36 x 5.16 x 1.73	441 x 270 x 44/ 17.36 x 10.63 x 1.73	440 x 200 x 44.5/ 17.32 x 7.87 x 1.75	441 x 270 x 44/ 17.36 x 10.63 x 1.73
	Weight (kg/lb.)	1.9/4.19	2.1/4.63	3.8/8.38	2.8/6.17	4.1/9.04
	Packing					
Packing	Dimensions (WxDxH) (mm/in.)	375 x 235 x 61/ 14.76 x 9.25 x 2.4	558 x 214 x 79/ 21.97 x 8.43 x 3.11	616 x 355 x 107/ 24.25 x 13.98 x 4.21	496 x 289 x 90/ 19.53 x 11.38 x 3.54	616 x 355 x 107/ 24.25 x 13.98 x 4.21
	Weight (kg/lb.)	2.73/6.02	2.91/6.42	4.97/10.96	3.97/8.75	5.25/11.57
	Included accessories	<ul style="list-style-type: none"> Power cord Desk-mount kit Wall-mount kit 	<ul style="list-style-type: none"> Power cord Rack mounting kit 	<ul style="list-style-type: none"> Power cord Rack mounting kit 	<ul style="list-style-type: none"> Power cord Rack mounting kit 	<ul style="list-style-type: none"> Power cord Rack mounting kit
Green Feature						
Fanless		Yes	Yes	-	-	-
Environmental Specifications						
Operating environment	Temperature	0°C to 50°C/ 32°F to 122°F	0°C to 50°C/ 32°F to 122°F	0°C to 50°C/ 32°F to 122°F	0°C to 50°C/ 32°F to 122°F	0°C to 50°C/ 32°F to 122°F
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Storage environment	Temperature	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
MTBF (hr)		513,985	911,301	638,691	672,235	502,509
Heat dissipation (BTU/hr)		551.74	76.73	1,580.54	125.83	1,617.36
Acoustic noise @ 25°C (dBA)		0	0	27.2	26.0	26.5