

Technical Specifications					
General	DGS-1100-10MPV2	DGS-1100-10MPPV2	DGS-1100-26MPV2	DGS-1100-26MPPV2	DGS-1100-18PV2
Hardware Version	• A1				
Size	• 11-inch desktop (rack mount included), 1U height				
Number of Ports	<ul style="list-style-type: none"> • 8 x 10/100/1000 Mbps (PoE) • 2 x 100/1000 Mbps SFP 	<ul style="list-style-type: none"> • 8 x 10/100/1000 Mbps (PoE) • 2 x 100/1000 Mbps SFP 	<ul style="list-style-type: none"> • 24 x 10/100/1000 Mbps (PoE) • 2 x Combo GE/SFP 	<ul style="list-style-type: none"> • 24 x 10/100/1000 Mbps (PoE) • 2 x Combo GE/SFP 	<ul style="list-style-type: none"> • 16 x 10/100/1000 Mbps (PoE) • 2 x Combo GE/SFP
Port Functions	<ul style="list-style-type: none"> • IEEE 802.3 for Ethernet • IEEE 802.3u for Fast Ethernet • IEEE 802.3ab for Gigabit Ethernet • IEEE 802.3af/at/bt • IEEE 802.3az compliant • Auto-negotiation • Auto MDI/MDIX • IEEE 802.3x Flow Control supports full-duplex mode • Supports half/full-duplex operation (full/half at 10/100 Mbps, full at 1000 Mbps) 				
Performance					
Switching Capacity	• 20 Gbps		• 52 Gbps		• 36 Gbps
Maximum Forwarding Rate	• 14.88 Mpps		• 38.69 Mpps		• 26.78 Mpps
MAC Address Table Size	• 8K Entries				
Packet Buffer	• 4.1 Mbits				
Flash Memory	• 16 Mbytes				
PoE					
PoE Standard	• IEEE 802.3af/802.3at	• IEEE 802.3af/802.3at/802.3bt (Port 7-8)	• IEEE 802.3af/802.3at	• IEEE 802.3af/802.3at/802.3bt (Port 21-24)	• IEEE 802.3af/802.3at
PoE Capable Ports	• Ports 1 to 8		• Ports 1 to 24		• Ports 1 to 16
PoE Power Budget	• 130 W	• 242 W	• 370 W	• 525 W	• 130 W
Power Consumption					
Standby Mode	• 5.6 W	• 8.1 W	• 15.2 W		• 10 W
Maximum Power Consumption	<ul style="list-style-type: none"> • 164.6 W (PoE on) • 11.7 W (PoE off) 	<ul style="list-style-type: none"> • 291.8 W (PoE on) • 12.8 W (PoE off) 	<ul style="list-style-type: none"> • 454.1 W (PoE on) • 26.5 W (PoE off) 	<ul style="list-style-type: none"> • 619.5 W (PoE on) • 38.4 W (PoE off) 	<ul style="list-style-type: none"> • 166.7 W (PoE on) • 18.3 W (PoE off)

Physical					
Power Input	<ul style="list-style-type: none"> • 100 to 240 V AC • 50 to 60 Hz Internal Power Supply 				
MTBF	• 406,887 hours	• 392,650 hours	• 317,777 hours	• 301,172 hours	• 343,695 hours
Acoustics	<ul style="list-style-type: none"> • 37 dB(A) (high speed) • 36.2 dB(A) (low speed) 	<ul style="list-style-type: none"> • 36.4 dB(A) (high speed) • 34 dB(A) (low speed) 	<ul style="list-style-type: none"> • 50.5 dB(A) (high speed) • 35.2 dB(A) (low speed) 	<ul style="list-style-type: none"> • 51.7 dB(A) (high speed) • 36.9 dB(A) (low speed) 	<ul style="list-style-type: none"> • 45.8 dB(A) (fixed speed)
Heat Dissipation	• 118.1 BTU/hr	• 169.9 BTU/hr	• 287.0 BTU/hr	• 322.4 BTU/hr	• 125.2 BTU/hr
Weight	• 1.5 kg (3.31 lbs)	• 2.0 kg (4.41 lbs)	• 2.8 kg (6.17 lbs)	• 4.4 kg (9.70 lbs)	• 2.1 kg (4.63 lbs)
Dimensions	• 280 x 180 x 44 mm (11.03 x 7.09 x 1.73 in)	• 280 x 230 x 44 mm (111.02 x 9.06 x 1.73 in)	• 440 x 208 x 44 mm (17.32 x 8.19 x 1.73 in)	• 440 x 330 x 44 mm (17.32 x 12.99 x 1.73 in)	• 280 x 230 x 44 mm (11.02 x 9.06 x 1.73 in)
Ventilation	• Smart Fan				• Fixed Fan
Operating Temperature	• -10 to 50 °C (14 to 122 °F)				
Storage Temperature	• -40 to 70 °C (-40 to 158 °F)				
Operating Humidity	• 0% to 95% non-condensing				
Storage Humidity	• 0% to 95% non-condensing				
EMI	• FCC Class A, CE Class A, VCCI Class A, C-Tick, BSMI				
Safety	• cUL, UL, LVD, CB, BSMI				