Allied Telesis GS980M Managed L3 Gigabit Ethernet (10/100/1000) 1U Grey

Brand : Allied Telesis

Product code: AT-GS980M/52-10

Product name : GS980M

48 10/100/1000T switch with 4 SFP slots

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Gigabit Layer 3 Lite Managed Switches
The Allied Telesis CentreCOM GS980M Series of Layer 3 Gigabit switches enable a cost-effective and fully managed network. A high-density, space saving solution, with Power over Ethernet (PoE+) to connect and power devices such as video surveillance cameras and IP phones, makes the GS980M Series ideal for applications at the network edge.
Allied Telesis GS980M. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48. Full duplex. MAC address table: 16000 entries, Switching capacity: 104 Gbit/s. Networking standards: IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE.... Rack mounting, Form factor: 1U

Management features	
Switch type *	Managed
Switch layer	L3
Quality of Service (QoS) support	✔
Web-based management	✔
Configuring Location Settings (CLI)	✔
System event log	✔
MIB support	SNMP MIB
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	48
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
SFP module slots quantity	4
Network	
Networking standards *	IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✘
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T
Port mirroring	✔
Full duplex	✔
IP routing	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Spanning tree protocol	✔
IPv4 routes	16
IPv6 routes	16
VLAN support	✔
Virtual LAN features	Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN
Number of VLANs	4094
Optical fiber	
Fiber ethernet cabling technology	100BASE-X, 1000BASE-X

Security	
IGMP snooping	✔
Security algorithms	3DES, AES, MD5, PEAP, RSA, SHA-1, SHA-2, SNMP, SNMPv2, SNMPv3, SSH, SSL/TLS, TTLS
MAC address filtering	✔
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
Authentication	MAC-based authentication, Port-based authentication
Password protection	✔
Authentication type	AAA, IEEE 802.1x, Network Access Control (NAC), RADIUS
Multicast features	
Multicast support	✔
Protocols	
Routing protocols	RIP, RIP-2
Design	
Rack mounting *	✔
Form factor	1U
Product colour	Grey
Performance	
Memory type	DDR-SDRAM
Internal memory	512 MB
Flash memory	128 MB
Noise level	39 dB
Power	
Power source *	AC
Power supply included *	✔
Power consumption (max)	47 W
Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘

Data transmission	
Switching capacity *	104 Gbit/s
Forwarding rate	77.4 Mpps
MAC address table *	16000 entries
Latency (10-100 Mbps)	5.5 µs
Latency (1 Gbps)	2.6 µs
Static route	✔
Jumbo frames support	✔
Packet buffer memory	3 MB

Security	
DHCP features	DHCP client, DHCP snooping
Access Control List (ACL)	✔

Operational conditions	
Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-25 - 70 °C
Operating relative humidity (H-H)	5 - 90%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	0 - 3048 m
Heat dissipation	160 BTU/h

Weight & dimensions	
Width	441 mm
Depth	323 mm
Height	44 mm
Weight	4.5 kg

Packaging data	
Package width	575 mm
Package depth	445 mm
Package height	150 mm
Package weight	6.4 kg

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Catalog Object Cloud

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