

Allied Telesis AT-GS950/28PS-10 Managed Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Grey



Brand : Allied Telesis

Product code: AT-GS950-28PS-V2-10

Product name : AT-GS950/28PS-10

24-port 10/100/1000T WebSmart switch, 4 SFP ports, PoE+, US power cord

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The Allied Telesis GS950/28PS eco-friendly WebSmart switch upholds the Allied Telesis commitment to environmentally friendly processes and products. It is designed to minimize power consumption through the use of a high-efficiency power supply and a low power chipset.

The Allied Telesis GS950/28PS Gigabit Ethernet WebSmart switch features 24 10/100/1000T ports and four SFP ports, delivering up to 30 Watts per port (PoE+) to support video surveillance and security cameras, wireless access points, IP phones and other PoE powered devices. The PoE option eliminates the need for power rewiring and minimizes the clutter of power supplies and adapters in awkward places. Thanks to its compact size, the GS950/28PS is the ideal cost-effective solution for small businesses, classrooms, larger retail stores, healthcare clinics and spas.

Management features		Security	
Switch type *	Managed	Security algorithms	SNMP, SSL/TLS
Quality of Service (QoS) support	✓	MAC address filtering	✓
Web-based management	✓	SSH/SSL support	✓
System event log	✓	Multicast features	
MIB support	RFC 1213 MIB-II, RFC 1643 Ethernet MIB, RFC 1493 Bridge MIB, RFC 2131 DHCP client, Private Enterprise MIB (Allied Telesis provides the spec)	Multicast support	✓
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	24	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Form factor	1U
Gigabit Ethernet (copper) ports quantity	24	Product colour	Grey
SFP module slots quantity	4	LED indicators	✓
Fiber optic connector	SFP	Performance	
Network		Memory type	DRAM
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3i, IEEE 802.3x, IEEE 802.3z	Internal memory	64 MB
10G support *	✗	Flash memory	16 MB
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T	Firmware upgradeable	✓
Port mirroring	✓	Power	
IP routing	✓	Power source *	DC/PoE
Flow control support	✓	AC input voltage	100 - 240 V
Link aggregation	✓	AC input frequency	50 - 60 Hz
Broadcast storm control	✓	Power consumption (max)	238 W
Rate limiting	✓	Power over Ethernet (PoE)	
Spanning tree protocol	✓	Power over Ethernet (PoE) *	✓
Head-of-line (HOL) blocking	✓	Power over Ethernet (PoE) ports quantity	24
VLAN support	✓	Total Power over Ethernet (PoE) budget	185 W
Virtual LAN features	Tagged VLAN, Protocol-based VLAN, Port-based VLAN	Operational conditions	
		Operating temperature (T-T)	0 - 45 °C
		Storage temperature (T-T)	-25 - 70 °C
		Operating relative humidity (H-H)	5 - 90%
		Storage relative humidity (H-H)	5 - 95%
		Heat dissipation	324.153 BTU/h

Network		Weight & dimensions	
Number of VLANs	256	Width	440 mm
Data transmission		Depth	250 mm
Switching capacity *	56 Gbit/s	Height	44 mm
Forwarding rate	41.65 Mpps	Weight	3.7 kg
MAC address table *	8000 entries	Packaging content	
Number of queues	4	Cables included	AC
Jumbo frames support	✓	Quick start guide	✓
Jumbo frames	10000	Manual	✓
Packet forwarding rate (1 Gbps)	1488000 pps	Packaging data	
Packet forwarding rate (100 Mbps)	148800 pps	Mounting brackets included	✓
Packet forwarding rate (10 Mbps)	14880 pps	Rubber feet	✓
Packet buffer memory	1 MB	Included power plug types	US
Security		Certificates	
DHCP features	DHCP client	UL60950-1 2nd edition (UL) FCC/EN55022/CISPR 22 Class A VCCI Class A C-Tick EN60950 (TUV) EN55024 CE Mark CSA / CUL	
Access Control List (ACL)	✓		
Access Control List (ACL) rules	240		
IGMP snooping	✓		
		Certification	



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