

# Allied Telesis GS950/28PS Hallittu Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki Harmaa



**Tuotemerkki :** Allied Telesis

**Tuotekoodi:** AT-GS950/28PS-50

**Tuotteen nimi :** GS950/28PS

Allied Telesis GS950/28PS. Kytkein tyyppi: Hallittu. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 24. MAC-osoitetaulukko: 8000 entries, Kytkentäkapasiteetti: 56 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Power over Ethernet -tuki. Telineasennus

Management features		Security	
Switch type *	Managed	SSH/SSL support	✓
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
System event log	✓	Protocols	
MIB support	✓	Supported network protocols	HTTP
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)	Product colour	Grey
SFP module slots quantity	4	Reset button	✓
Fiber optic connector	FX, SX	Performance	
Network		Memory type	DRAM
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Internal memory	64 MB
		Flash memory	16 MB
10G support *	✗	Firmware upgradeable	✓
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T	Power	
Port mirroring	✓	AC input voltage	100 - 240 V
IP routing	✓	AC input frequency	50 - 60 Hz
Flow control support	✓	Power consumption (max)	28.6 W
Link aggregation	✓	Power plug type	Type C
Broadcast storm control	✓	Power over Ethernet (PoE)	
Rate limiting	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet (PoE) ports quantity	24
Head-of-line (HOL) blocking	✓	Power over Ethernet plus (PoE+) ports quantity	24
VLAN support	✓	Power over Ethernet (PoE) power per port	30 W
Virtual LAN features	Private VLAN, Tagged VLAN, Protocol-based VLAN, Port-based VLAN	Total Power over Ethernet (PoE) budget	185 W
Number of VLANs	256	Operational conditions	
Optical fiber		Operating temperature (T-T)	0 - 45 °C
Fiber ethernet cabling technology	100BASE-FX, 1000BASE-SX, 1000BASE-LX	Storage temperature (T-T)	-25 - 70 °C
Data transmission		Operating relative humidity (H-H)	5 - 90%
Switching capacity *	56 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Throughput	41.65 Mpps	Heat dissipation	97.59 BTU/h
MAC address table *	8000 entries	Weight & dimensions	
Number of queues	4	Width	450 mm
Number of static routes	256	Depth	250 mm
		Height	44 mm
		Weight	3.6 kg

Data transmission		Packaging content	
Jumbo frames support	✓	Cables included	AC
Jumbo frames	10000	Quick start guide	✓
Packet forwarding rate (1 Gbps)	1488000 pps	Manual	✓
Packet forwarding rate (100 Mbps)	148800 pps	<b>Packaging data</b>	
Packet forwarding rate (10 Mbps)	14880 pps	Mounting brackets included	✓
Packet buffer memory	1 MB	Rubber feet	✓
<b>Security</b>		Resource CD	✓
DHCP features	DHCP client	<b>Certificates</b>	
Access Control List (ACL)	✓	Certification	IEC 68-2-36 IEC 68-2-29 IEC 68-2-32
Access Control List (ACL) rules	240		UL94V-0 RoHS WEEE UL60950-1
IGMP snooping	✓		2nd edition (UL)
Security algorithms	SNMP, SSL/TLS		FCC/EN55022/CISPR 22 Class A
MAC address filtering	✓		VCCI Class A C-Tick EN60950 (TUV)
			EN55024 CE Mark CSA / CUL



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