



Networking Solution

Gigabit Switch

MODEL: GIL GS24

GIL GS24

Application Areas

CCTV Camera Installations

Lab Setup

Networking



Gigabit Switch

Technical Specifications

Model	GIL GS24
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p
Interface	24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/AutoMDI/MDIX), 4 1000Mbps SFP Slots, 1 Console Port, 1 Micro-USB Console Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) 1000BASE-X: MMF, SMF
Fan Quality	2 Nos.
PoE Ports(RJ45)	Standard: 802.3at/af compliant PoE+ Ports: 24 Ports Power Supply: 384W
Installable SFP+ Transceivers and Direct Attach Copper (DAC cable)	Available
Number of Stacking Ports Installable	Minimum 4 SFP+
No. of Units Per Stack	Up to 6 units
IPv6	Dual IPv4/IPv6 stack, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 ACL, DHCPv6 Snooping, IPv6 Interface
IPv6 Applications	DHCPv6 Client, Ping6, Tracer6, Telnet(v6) IPv6 SNMP IPv6 SSH IPv6 SSL Http/Https IPv6 TFTP IPv6 ACL, IPv6 Interface IPv6 Routing DHCPv6 Relay DHCPv6 Snooping
Stacking Speed	Minimum 20Gbps (Full-Duplex)
Switching Capacity	56Gbps
Packet Forwarding Rate	41.7Mpps
MAC Address Table	16k
Packet Buffer Memory	Upto 1.5 MB
Jumbo Frame	9216 Bytes
Quality of Service	Support 802.1p CoS/DSCP priority Support 8 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting Voice VLAN
VLAN	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) 802.1Q/MAC/Protocol-based/Private VLAN GARP/GVRP
L2 and L2+ Feature	Static Routing DHCP Relay DHCP Server, IGMP Snooping V1/V2/V3, 802.3ad LACP (Up to 14 aggregation groups, containing 8 ports per group) STP/RSTP/MSTP, BPDU Filtering/Guard, TC/Root Protect, Loopback detection, 802.3x Flow Control, L2PT
Access Control List	L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p,DSCP, protocol and VLAN ID Time Range Based
Management	Web-based GUI and CLI management, SNMP v1/v2c/v3,compatible with public MIBs and private MIBs, RMON (1, 2, 3, 9 groups), sFlow, PPPoE Circuit ID, DHCP/BOOTP Client, DHCP Snooping, DHCP Option82, Dual Image, CPU Monitoring, Port Mirroring, Time Setting: SNTP, Integrated NDP/NTDP feature, Firmware Upgrade: TFTP & Web, System Diagnose: VCT SYSLOG & Public MIBS, Password Recovery
Security	IP-MAC-Port Binding, AAA, 802.1x and Radius Authentication, DoS Defend, Dynamic ARP Inspection (DAI) SSH v1/v2 SSL v3/TLSv1, Port Security, Broadcast/Multicast/Unknown-unicast Storm Control
Power Supply	100~240VAC, 50/60Hz
Power Consumption	Maximum (PoE on): 468.7W (110V/50Hz)
Operating Temperature	0°C ~ 40°C

*Due to continuous product development, the specifications may change without prior notice.

**Product image(s) are for illustrative purposes only and may differ from the actual product.



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