



Networking Solution  
16 Port Network Switch

MODEL: GIL NS16

# GIL NS16



# Application Areas

CCTV Camera Installations

Lab Setup

Networking

## 16 Port Network Switch

### Technical Specifications



Model	GIL NS16
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1p
Interface	16 Ports (Auto Negotiation/Auto MDI/MDIX)
PoE Power Budget	< 192W
PoE+ Ports(RJ45)	Standard: 802.3at/af compliant PoE+ Ports: 24 Ports Power Supply: 180W
Packet Forwarding Rate	9.5 Mpps
MAC Address Table	8k
Jumbo Frame	9216 Bytes
Bandwidth/ Backplane	12.8 Gbps
VLAN	Supports up to 512 VLANs simultaneously (out of 4K VLAN IDs)
Access Control List	L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports
Fan Quality	2 Nos.
Security	SSH v1/v2SSL v2/v3/TLSv1 Port Security Broadcast/Multicast/Unknown-unicast Storm Control
Power Supply	100~240VAC, 50/60Hz
Power Consumption	Maximum: 222.15W (220V/50Hz)
Operating Temperature	0°C ~ 40°C
L2 Switching Feature	IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 6 aggregation groups, containing 4 ports per group) Spanning Tree STP/RSTP/MSTP LLDP, LLDP-MED BPDU Filtering/Guard TC/Root Protect Loop back detection 802.3x Flow Control
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e cable (maximum 100m) 1000BASE-X: MMF, SMF
Quality of Service	Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow-based Rate Limiting Voice VLAN
Management	<ul style="list-style-type: none"> <li>- Web-based GUI and CLI management SNMP v1/v2c/v3</li> <li>- compatible with public MIBs and RMON (1, 2, 3, 9 groups)</li> <li>- CPU Monitoring Port Mirroring</li> <li>- Time Setting: SNTP Firmware Upgrade: TFTP &amp; Web</li> <li>- System Diagnose: VCT SYSLOG &amp; Public MIBS</li> </ul>

\*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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