LCS-GS8416



16-Port Gigabit Web Smart SNMP Switch Fanless

The device is a powerful, high-performance Gigabit Ethernet switch with 16 10/100/1000 Mbps ports, providing you a cost-effective, space-saving solution for expanding your network. The gigabit ports can lead you to a real gigabit connection, making you be able to transfer high bandwidth-needed files higher and faster in an easy way.
This device provides the easy management function through the Ethernet Web. The network administrator can configure the status and the port function setting of the device through the Web-Based UI. When installing the auto-discovery management tool helps network managers to earch and access those switches on LAN easily. Therefore, network managers can access switches that support auto-discovery on LAN without memorizing IP address.
The device provides rich features including Link Aggregation, VLANs, IGMP Snooping, Port Trunking, Spanning Tree, Security and other network management to meet the requirements evolving medium and small-sized enterprises. QoS secures the bandwidth for some bandwidth-demanded applications including VoIP or video conference. Additionally, IEEE 802.3az Energy Efficient Ethernet ability is supported to promise operation in Low Power Idle Mode and save power consumption.
This switch is plug & play and hassle-free in installation. Auto-MDI/MDI-X crossover on all ports eliminates the need for crossover cables for connection to another switch or hub. Auto-Negotiation on each port senses the link speed of a network device and intelligently adjusts for compatibility and optimal performance. This switch also features diagnostic LEDs, which display the status and activities of the network.

Specifications:

Standard:	IEEE802.3, 802.3u, 802.3x, 802.3ab/z 802.1p
Interface	16 * 10/100/1000 Mbps RJ-45 ports
Memory	Flash:16MB; DDR II: 128MB
MAC Adress Table	8K
Buffer Memory	524.8K Bytes
Jumbo Frame	10K Bytes
Switch Fabric	32Gbps
Forwarding Rate	23,8 million packets per second
Diagnostic LED	1* Power(green), 24* LINK/ACT (green), 1*System (green)
Operating Humidity:	10% to 90% non-condensing
Operating Temperature	0°~ 40°C
Dimension	216 x 133 x 42 mm
Power Supply:	Internal power adapter 100~240VAC, 50/60Hz
Certification:	EMC/FCC; CE Class B, Safety/LVD EN60950-1
EAN:	4016621122522

♦ Software Features

- ♦ Flow Control: 802.3X (Full-Duplex), Back-Pressure (Half-Duplex)
- ♦ Spanning Tree: 802.1D (STP),802.1w (RSTP), Auto Edge Port, Self Loop Detection
- ♦ Vlan: Static, Port-based, 802.1q Tagged Base
- ♦ Voice VLAN: OUI Mode
- ♦ Link Aggregation: 802.3ad LACP, Static Trunk, Max 8 Group, Max Ports/Group 8, Traffic Load Balancing
- ♦ IGMP Snooping: Multicast Groups 256, IGMPv1/v2, IGMPv3 Basic(BISS), IGMP v2/v3 Querier Immediate Leave
- ♦ IEE 802.1AB Link Layer Discovery Protocol (LLDP)
- ♦ QOS Features:8 queues/port, Rate limit, Queue Scheduling, Class of Service
- ♦ Security: Storm Control, Https & SSL 2.0, Account Manager, DoS Prevention, CPU Defense Engine, Port Isolation
- ♦ Full IPv6 support
- ♦ Management Function: SNTP, Cable Test, Telnet Syslog (RFC3164) etc: