Lancom Systems GS-2310

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Lancom Systems	

This fully managed switch is the professional solution for internal networking with its eight Gigabit Ethernet ports and two combo ports. The fanless design makes it ideal for office environments and for sub-distribution of in-store infrastructures—wherever you need full management functions but not PoE-based power. In terms of quality and performance, the smallest managed switch is in no way inferior to its larger relations and, thanks to its range of functions, it offers security and versatility. In combination with the LANCOM Management Cloud you benefit from user-friendly, automated and efficient administration via SD-LAN.

High reliability on 10 ports
The LANCOM GS-2310 is equipped with 8 Gigabit Ethernet ports and 2 combo ports (Ethernet or fiber-optic). With a data throughput of 20 Gbps on the backplane, it offers full performance even under load. This switch is a high-performance basis for modern network infrastructures at small and home offices.

Software-defined LAN
The LANCOM Management Cloud opens the way to the most advanced switch management: Software-defined LAN (SD-LAN). SD-LAN orchestrates the port profiles for each switch and automatically assigns the necessary network configuration, e.g. the required VLANs. At the click of a mouse, switch configurations that are fully customized to each site's network architecture are simultaneously rolled-out or updated.

Configurable access control
The LANCOM GS-2310 stops rogue clients from gaining unauthorized access to the network. This is ensured by secured access control on all ports based on IEEE 802.1X (port-based, single, multi, and MAC-based).

Secure remote management
Secure communication protocols such as SSH, SSL and SNMPv3 mean that the LANCOM GS-2310 is ideal for the professional remote management of networks. The switch also supports the TACACS+ protocol for authentication, authorization, and accounting. This optimized solution promises maximum security for multi-site network management and monitoring.

IPv6 and IPv4 support
Thanks to the dual-stack implementation, the LANCOM GS-2310 operates in pure IPv4, pure IPv6, or in mixed networks. This means that it can be managed via both IP address standards, which makes it fully future-proof.

5-year warranty
Every day, our customers rely on products to the highest standards of quality. These quality standards also include fast help, just in case things should go wrong. This is why the LANCOM GS-2310 comes with a standard warranty of 5 years.

Zusammenfassung

This fully managed switch is the professional solution for internal networking with its eight Gigabit Ethernet ports and two combo ports.

The fanless design makes it ideal for office environments and for sub-distribution of in-store infrastructures—wherever you need full management functions but not PoE-based power. In terms of quality and performance, the smallest managed switch is in no way inferior to its larger relations and, thanks to its range of functions, it offers security and versatility. In combination with the LANCOM Management Cloud you benefit from user-friendly, automated and efficient administration via SD-LAN.

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Lancom Systems GS-2310, Managed, L2, Gigabit Ethernet (10/100/1000), Rack mounting, 1U

Lancom Systems GS-2310. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 10, Console port: RJ-45. MAC address table: 8000 entries, Switching capacity: 20 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE.... Rack mounting, Form factor: 1U

Merkmale

Logistics data

Harmonized System (HS) code	85176990

Power

Power consumption (max)	14 W

Power over Ethernet (PoE)

Power over Ethernet (PoE)	N

Protocols

GARP VLAN Registration	Y

Management features

Switch type	Managed
Switch layer	L2
Quality of Service (QoS) support	Y
Web-based management	Y

Weight & dimensions

Width	220 mm
Depth	135 mm
Height	45 mm
Weight	1.06 kg

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	10
Basic switching RJ-45 Ethernet	Gigabit Ethernet (10/100/1000)

Protocol (GVRP)

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-10 - 90% H)	

Packaging data

Manual	Y
Mounting brackets included	Y

Performance

Firmware upgradeable	Y
Telnet	Y

ports type	
Gigabit Ethernet (copper) ports quantity	10
Combo SFP ports quantity	2
Console port	RJ-45

Data transmission

Switching capacity	20 Gbit/s
Forwarding rate	14.88 Mpps
MAC address table	8000 entries
Store-and-forward	Y
Jumbo frames support	Y
Jumbo frames	9000

Design

Rack mounting	Y
Form factor	1U
Product colour	Black
Housing material	Metal
LED indicators	Y
Certification	EN 60950-1, EN 55022, EN 55024, FCC Part 15 (CFR47) Class A

Security

DHCP features	DHCP snooping, DHCP relay, DHCP client
Access Control List (ACL)	Y
IGMP snooping	Y
IGMP proxy	Y
Security algorithms	802.1x RADIUS, SNMP, SSH, SSL/TLS
SSH/SSL support	Y

Network

Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support	N
Port mirroring	Y
Flow control support	Y
Broadcast storm control	Y
Spanning tree protocol	Y
VLAN support	Y
Virtual LAN features	Private VLAN, Voice VLAN, Tagged VLAN
Number of VLANs	4096