

LANCOM GS-2310

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LANCOM Systems	



Compact, silent, smart – the switch for high-end offices

This fully managed switch is the expert for the intelligent networking of small offices and business premises, and for sub-distribution of branch-office infrastructures. It has a fanless design and is equipped with eight Gigabit Ethernet ports and two combo ports (Ethernet or fiber-optic). It is ideal wherever full management but no PoE is required. Orchestrated from the LANCOM Management Cloud, it is configured efficiently and automatically by SD-LAN.

Advantages

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 replacement service

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 free warranty extension of 5 years.

SD-LAN: Days become minutes

Optimally aligned, the LANCOM switch portfolio is suitable and applicable for complex, distributed networking scenarios. Thanks to SD-LAN over the Management Cloud, formerly manual device configuration is replaced by automated network orchestration. Each

and every switch and access point at the various sites operates with a fine-tuned configuration.

Easy switch configuration

SD-LAN orchestrates the port profiles for each switch and automatically assigns the necessary VLANs to the desired switch ports. Configurations can be synchronized across locations with regard to the network architecture and rolled-out or updated simultaneously at the click of a mouse.

Zusammenfassung

Compact, silent, smart – the switch for high-end offices

This fully managed switch is the expert for the intelligent networking of small offices and business premises, and for sub-distribution of branch-office infrastructures. It has a fanless design and is equipped with eight Gigabit Ethernet ports and two combo ports (Ethernet or fiber-optic). It is ideal wherever full management but no PoE is required. Orchestrated from the LANCOM Management Cloud, it is configured efficiently and automatically by SD-LAN.

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

LANCOM 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.... Power connector: AC-in jack. Rack mounting, Form factor: 1U

Merkmale

Certificates

Compliance certificates	CE, Federal Communications Commission (FCC)
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Multicast features

Multicast support	Yes
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Power over Ethernet (PoE)

Power over Ethernet (PoE)	No
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Operational conditions

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

Packaging content

Cables included	AC, Serial
Manual	Yes

Protocols

GARP VLAN Registration Protocol (GVRP)	Yes
IP Source Guard (IPSG)	Yes

Logistics data

Customs product code (TARIC)	85176200
Country of origin	Taiwan
Harmonized System (HS) code	85176990

Performance

Firmware upgradeable	Yes
Telnet	Yes
Fanless	Yes

Weight & dimensions

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

Management features

Switch type	Managed
Switch layer	L2
Quality of Service (QoS) support	Yes
Web-based management	Yes
Configuring Location Settings (CLI)	Yes

Packaging data

Mounting brackets included	Yes
Package width	330 mm
Package depth	360 mm
Package height	85 mm
Package weight	1.97 kg

Power

Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	14 W

Data transmission

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

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	10
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	10
Combo SFP ports quantity	2
Console port	RJ-45
Power connector	AC-in jack

Security

DHCP features	DHCP Option 66, DHCP Option 67, DHCP Option 82, DHCP client, DHCP relay, DHCP snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
IGMP proxy	Yes
SSH/SSL support	Yes
Authentication type	IEEE 802.1x, RADIUS,

TACACS+

Design

Rack mounting	Yes
Stackable	Yes
Form factor	1U
Product colour	Black
Housing material	Metal
Reset button	Yes
LED indicators	Yes

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	No
Port mirroring	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Spanning tree protocol	Yes
VLAN support	Yes
Virtual LAN features	Port-based VLAN, Private VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4096

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.