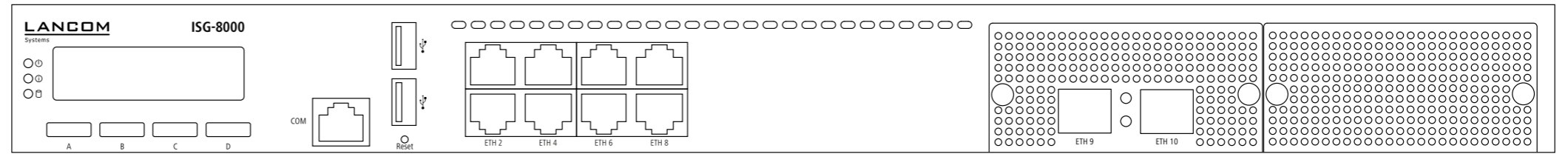
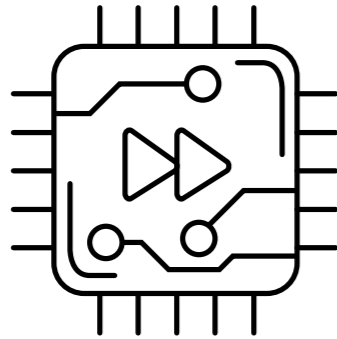


Mounting & connecting

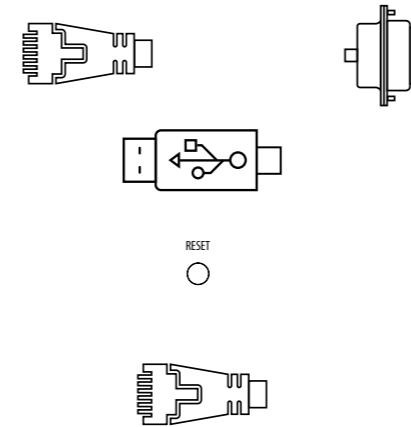
Hardware Quick Reference LANCOM ISG-8000



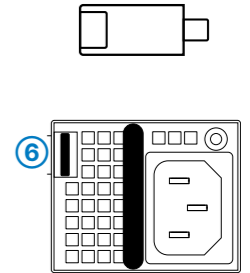
- ①
- ②
- ③
- ④
- ⑤

- ① **Serial configuration interface RJ45 (COM)**
Use the included serial configuration cable to connect the serial interface to the serial interface of the device you want to use for configuring / monitoring.
- ② **USB interfaces**
You can use the USB interfaces to connect USB printers or USB storage devices.
- ③ **Reset button**
Pressed up to 5 seconds: device restart

Pressed longer than 5 seconds:
configuration reset and device restart
- ④ **TP Ethernet interfaces**
Connect the ETH 1 - ETH 8 TP Ethernet interfaces to your PC or a LAN switch using one of the enclosed cables with the kiwi-colored connectors.



- ⑤ **SFP+ interfaces 1G / 10G ETH 9 - ETH 10**
Insert suitable SFP modules into the SFP ports ETH 9 - ETH 10. Choose cables compatible with the SFP modules and connect them as described in the module's documentation. SFP modules and cables are not included.
- Power supply modules (device back side)**
Supply power to the device via the power supply modules connectors. Please use the IEC power cable supplied (separately available for WW devices).
- ⑥ **Removing the power supply modules**
To remove a power supply module from the device move the release lever to the right and pull out the modules using the handle.



Before initial startup, please make sure to take notice of the information regarding the intended use in the enclosed installation guide!

Operate the device only with a professionally installed power supply at a nearby power socket that is freely accessible at all times.

The power plug of the device must be freely accessible.

Please note that support for third-party accessories is not provided.



Please observe the following when setting up the device

- For devices to be operated on the desktop, please attach the adhesive rubber footpads
- Do not rest any objects on top of the device and do not stack multiple devices
- Keep all ventilation slots of the device clear of obstruction
- Mount the device into a 19" unit in a server cabinet using the provided screws and mounting rails.
- Detailed mounting instructions can be found under www.lancom-systems.com in the product area for this device under 'downloads'.



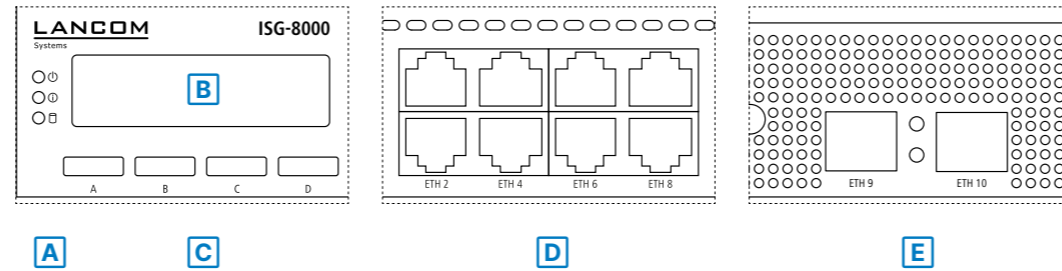
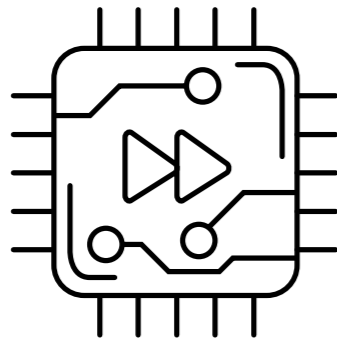
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Cloud-ready

LED description & technical details

Hardware Quick Reference LANCOM ISG-8000



A LEDs Power / Status / HDD

Power off	Device switched off
Power green	Device operational
Status green, permanently*	Device operational, resp. device paired / claimed and LANCOM Management Cloud (LMC) accessible
Status greenn / red, blinking	No password set. Without a password the configuration data in the device is unprotected.
Status red, blinking	Charge or time limit reached
Status 1x green, inverse blinking*	Connection to the LMC active, pairing OK, device not claimed
Status 2x green, inverse blinking*	Pairing error, resp. LMC activation code not available
Status 3x green, inverse blinking*	LMC not accessible, resp. communication error
HDD off	no HDD read- / write access
HDD green, flickering	HDD read- / write access

B LCD display (rotating in two lines)

- Device name
- Firmware version
- Device temperature
- Date and time
- CPU load
- Memory usage
- Number of VPN tunnels
- Data transfer in reception direction
- Data transfer in transmission direction

C Display buttons A - D

All buttons are fully configurable

D LEDs ETH 1 - ETH 8 - TP Ethernet

Both LEDs off	No networking device attached
Green, permanently	Connection to network device operational, no data traffic
Green, flickering	Data transmission
Orange, off	1000 Mbps
Orange, permanently	100 Mbps

E LEDs ETH 9 - ETH 10 - SFP+

Off	No networking device attached
Orange, permanently	Connection to network device operational, no data transmission
Orange, flickering	Data transmission

Hardware

Power supply	Redundant power supply units (110–230 V, 50–60 Hz)
Power consumption	Max. 300 W
Environment	Temperature range 5–40 °C; humidity 0–95 %, non-condensing
Housing	Robust metal housing, 19" 1HU, network connectors on the front
Fans	4
Dimensions (mm)	440 × 44 × 269.2 (W x H x D)

Interfaces

ETH	8x 100 / 1000 Mbps Gigabit Ethernet combo ports (ETH 1 - ETH 8)
SFP+	2x 10G SFP+ ports 10 / 1 Gbps (ETH 9 - ETH 10)
USB	2x USB 2.0 Hi-Speed host port for connecting USB printers (USB print server) or USB data media (FAT file system); bi-directional data exchange is possible (max. 480 Mbps)
Serial configuration interface	1x RJ45 configuration interface

Package contents

Accessories	2 Ethernet cables 3 m (kiwi colored connectors); 1 serial configuration cable 1.5 m; 2 IEC power cords 230 V (not for WW devices); 1 set of mounting rails with accessories for fixing the device in a 19" rack; 1x 19" bracket
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*) The additional power LED statuses are displayed in 5-seconds rotation if the device is configured to be managed by the LANCOM Management Cloud.

This product contains separate open-source software components which are subject to their own licenses, in particular the General Public License (GPL). The license information for the device firmware (LCOS) is available on the device's WEBconfig interface under "Extras > License information". If the respective license demands, the source files for the corresponding software components will be made available on a download server upon request.

Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuersele, declares that this device is in compliance with Directives 2014/30/EU, 2014/53/EU, 2014/35/EU, 2011/65/EU, and Regulation (EC) No. 1907/2006. The full text of the EU Declaration of Conformity is available at the following Internet address: www.lancom-systems.com/doc



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