



LANCOM GS-4530XP Unmanaged Access Switch User Guide

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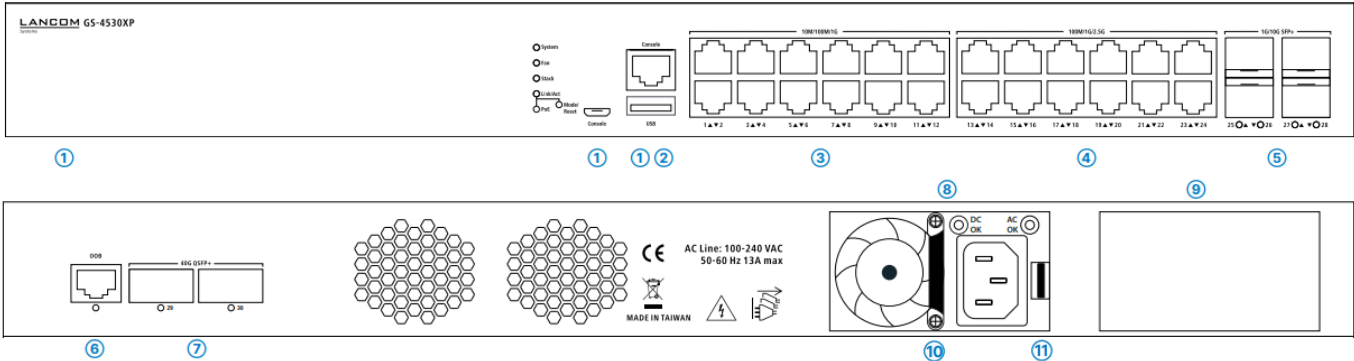
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LANCOM GS-4530XP Unmanaged Access Switch

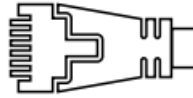


overview



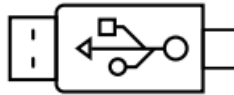
1. Configuration interfaces RJ-45 & micro USB (Console)

Connect the configuration interface via the included micro USB cable to the USB interface of the device you want to use for configuring / monitoring the switch. Alternatively, use the RJ-45 interface with the provided serial configuration cable.



2. USB interface

Connect a USB stick to the USB interface to store general configuration scripts or debug data. You can also use this interface to upload a new firmware.



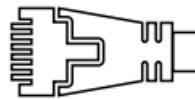
3. TP Ethernet interfaces 10M / 100M / 1G

Connect the interfaces 1 to 12 via Ethernet cable to your PC or a LAN switch.



4. TP Ethernet interfaces 100M / 1G / 2.5G

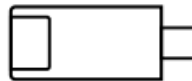
Connect the interfaces 13 to 24 via Ethernet cable with at least CAT5e / S/FTP standard to your PC or a LAN switch.



5. SFP+ interfaces 1G / 10G

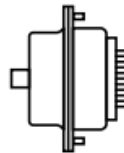
Insert suitable LANCOM SFP modules into the SFP+ interfaces 25 to 28. Choose cables which are compatible with the SFP modules and connect them as described in the SFP modules mounting instructions:

www.lancom-systems.com/SFP-module-MI.



6. OOB interface (rear panel)

Use an Ethernet cable to connect this out-of-band service port for an IP interface independent of the switching plane for management tasks or connection to a monitoring server.



7. QSFP+ interfaces 40G (rear panel)

Plug suitable LANCOM QSFP+ modules into the QSFP+ interfaces 29 and 30. Select cables suitable for the QSFP+ modules and connect them as described in the SFP modules mounting instructions:

www.lancom-systems.com/SFP-module-MI.

8. Power supply module with mains connection socket (rear panel).

Supply the device with power via the power supply socket of the power supply module. Use the supplied power cord or a country-specific LANCOM power cord.

To remove the power supply module, disconnect the module from the power supply and then pull the plug out of the module. While pressing the release lever 10 to the left, you can pull the module out of the device by the handle 11 .

9. Additional slot for power supply module with mains connection socket (rear panel).

To install an additional power supply module, remove the corresponding module bay cover by loosening both associated screws and push the power supply module in as far as it will go until the release lever 10 audibly engages. Check by pulling the handle 10 that the module cannot be removed from the bay without the release lever 11 being pressed to the left

Please observe the following when setting up the device

- The mains plug of the device must be freely accessible.
- 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 the ventilation slots on the side of the device clear of obstruction.
- Mount the device into a 19" unit in a server cabinet using the provided screws and mounting brackets.

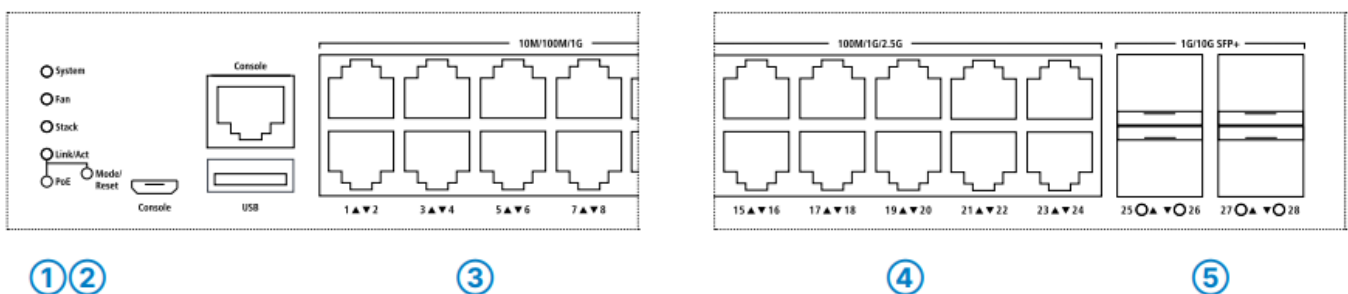
Both slide-in rails are attached as shown in the accompanying installation instructions

www.lancom-systems.com/slide-in-MI.

- Please note that support for third-party accessories (SFP and DAC) is not provided

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



① System / Fan / Stack / Link/Act / PoE

- **System:** green Device operational
- **System:** red Hardware error
- **Fan:** red Fan error
- **Stack:** green As manager: port activated and bconnected with standby managerb connected
- **Stack:** orange As standby manager: port activated and connected to connected manager
- **Link/Act:** green Port LEDs show link / activity status
- **PoE:** green Port LEDs show PoE status

② Mode / Reset button

- Short press Switching the port LED display
- ~5 sec. pressed Device restart
- 7~12 sec. pressed Configuration reset and device restart

③ TP Ethernet ports 10M / 100M / 1G

LEDs switched to Link/Act mode

- Off Port inactive or disabled
- Green Link 1000 Mbps
- Green, blinking Data transfer, link 1000 Mbps
- Orange Link < 1000 Mbps
- Orange, blinking Data transfer, link < 1000 Mbps

LEDs switched to PoE mode

- Off Port inactive or disabled
- Green Port enabled, power supply to connected device
- Orange Hardware error

④TP Ethernet ports 100M / 1G / 2.5G

LEDs switched to Link/Act/Speed mode

- Off Port inactive or disabled
- Green Link 2500 – 1000 Mbps
- Green, blinking Data transfer, link 2500 – 1000 Mbps
- Orange Link < 1000 Mbps
- Orange, blinking Data transfer, link < 1000 Mbps

LEDs switched to PoE mode

- Off Port inactive or disabled
- Green Port enabled, power supply to connected device
- Orange Hardware error

⑤ SFP+ ports 1G / 10G

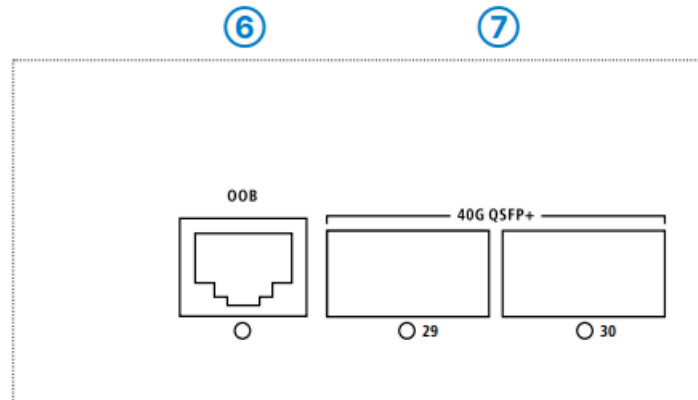
- Off Port inactive or disabled
- Green Link 10 Gbps
- Green, blinking Data transfer, link 10 Gbps
- Orange Link 1 Gbps
- Orange, blinking Data transfer, link 1 Gbps

⑥ OOB port (rear panel)

- Off OOB port inactive
- Green Link 1000 Mbps

⑦ QSFP+ ports 40G (rear panel)

- Off Port inactive or disabled
- Green Link 40 Gbps
- Green, blinking Data transfer, link 40 Gbps



Hardware

- **Power supply** Exchangeable power supply (110-230 V, 50-60 Hz)
- **Power consumption** Max. 800 W (when using one power supply, or redundancy mode with two power supplies)
- **Environment** Temperature range 0–40° C; short-term temperature range 0-50° C; humidity 10–90 %, non-condensing
- **Housing** Robust metal housing, 1 HU with removable mounting brackets and slide-in rails, network connections at front and rear, dimensions 442 x 44 x 375 mm (W x H x D) Number of fans 2

Interfaces

- QSFP+ 2 * QSFP+ 40 Gbps uplink ports for connection to superordinate core switches or content servers, can also be configured as stacking ports via software
- TP Ethernet 12 TP Ethernet ports 10 / 100 / 1000 Mbps
- 12 TP Ethernet ports 100 / 1000 / 2500 Mbps
- SFP+ 4 * SFP+ 1 / 10 Gbps, uplink ports for connection to superordinate core switches or content servers, can also be configured as stacking ports via software
- Console 1 * RJ-45 / 1 * Micro USB
- USB 1 * USB host
- OOB 1 * OOB

Package Content

- **Mounting brackets** Two 19" mounting brackets, two slide-in rails for rear stabilization in 19" racks
- **Power supply** 1x exchangeable power supply LANCOM SPSU-920, expandable to 2 LANCOM SPSU-920 power supplies (hot swappable, for redundancy operation)
- **Cables** 1 IEC power cord, 1 serial configuration cable, 1 micro USB configuration cable

Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this device is in compliance with Directives 2014/30/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/

Documents / Resources



[LANCOM GS-4530XP Unmanaged Access Switch](#) [pdf] User Guide

GS-4530XP Unmanaged Access Switch, GS-4530XP, Unmanaged Access Switch, Access Switch, Switch

References

- [L DoC - LANCOM Systems GmbH](#)
- [L lancom-systems.com/SFP-module-MI](http://lancom-systems.com/SFP-module-MI)
- [L lancom-systems.com/slide-in-MI](http://lancom-systems.com/slide-in-MI)

Manuals+.