



LANCOM GS-3628X Hardware Fully Managed Access Switches User Guide

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LANCOM GS-3628X Hardware Fully Managed Access Switches



Product Information

The LANCOM GS-3628X is a network switch with 28 concurrent ports in total, including 12 TP Ethernet ports (10/100/1000 Mbps), 12 TP Ethernet ports (10/100/2500 Mbps), and 4 SFP+ ports (1/10 Gbps). It has a robust metal housing measuring 442 x 44 x 375 mm (W x H x D) and comes with removable mounting brackets for

rackmounting. The switch also features a reset button and LED indicators for system status and port activity.

Technical Details

- Interfaces: ETH, SFP+
- Number of fans: 1
- Internal power supply unit

Package Content

- Mounting brackets (2)
- Cables: 1 IEC power cord, 1 serial configuration cable (1.5 m)

Important Notes

- The LANCOM GS-3628X is cloud-ready.
- The power plug of the device must be freely accessible.
- Support for third-party accessories (SFP and DAC) is not provided.

Product Usage Instructions

To configure or monitor the switch, connect the configuration interface via the included serial configuration cable to the serial interface of the device.

To connect devices to the switch:

- For TP Ethernet interfaces 10M/100M/1G (interfaces 1 to 12), use Ethernet cables to connect the interfaces to your PC or a LAN switch.
- For TP Ethernet interfaces 100M/1G/2.5G (interfaces 13 to 24), use Ethernet cables to connect the interfaces to your PC or a LAN switch.
- For SFP+ interfaces 1G/10G (interfaces 25 to 28), insert suitable LANCOM SFP modules into the SFP+ interfaces and choose cables that are compatible with the SFP modules. Connect them as described in the module's documentation.

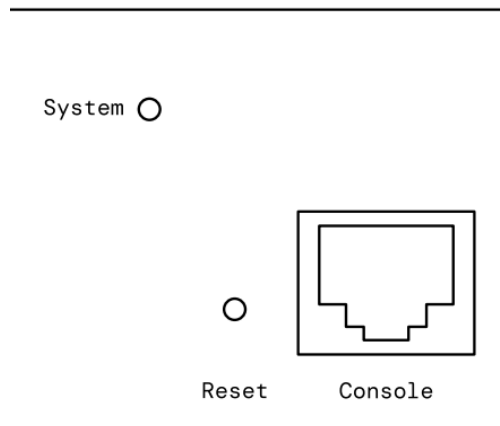
To supply power to the device, use the IEC power cable supplied or a country-specific LANCOM Power Cord. Before connecting the power supply, make sure to connect the device to earth to avoid high touch current.

The reset button can be used to restart the device or reset the configuration. To restart the device, press and hold the reset button for approximately 5 seconds. To reset the configuration and restart the device, press and hold the reset button until all port LEDs glow.

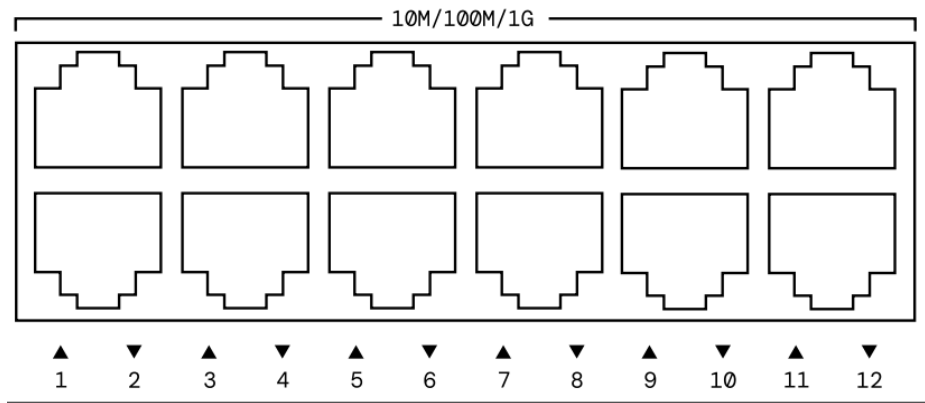
The LED indicators provide information about system status and port activity:

- System: off – device switched off
- System: green – device operational
- System: red – hardware error

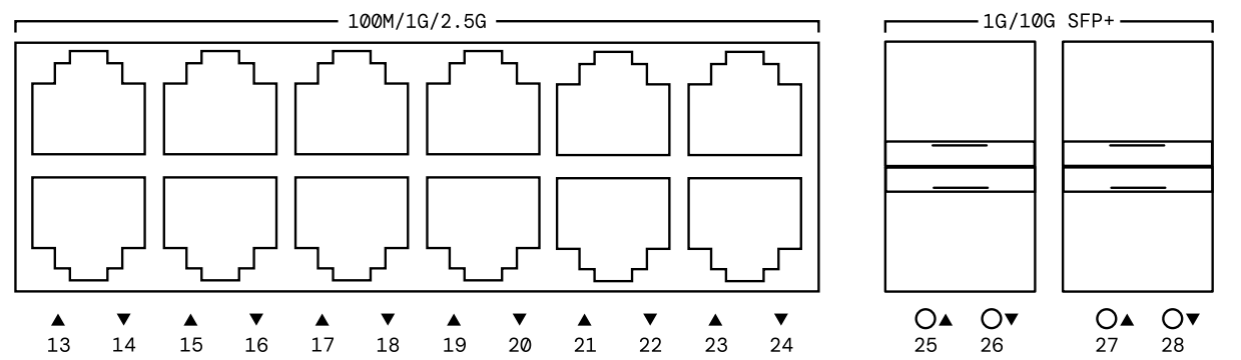
- TP Ethernet ports 10M / 100M / 1G:
 - Off – port inactive or disabled
 - Green – link 1000 Mbps data transfer, link 1000 Mbps
 - Green, blinking – link 1000 Mbps data transfer, link < 1000 Mbps
 - Orange – link < 1000 Mbps data transfer, link < 1000 Mbps
 - Orange, blinking – port inactive or disabled
- TP Ethernet ports 100M / 1G / 2.5G:
 - Off – port inactive or disabled
 - Green – link 2500-1000 Mbps data transfer, link 2500-1000 Mbps
 - Green, blinking – link 2500-1000 Mbps data transfer, link < 1000 Mbps
 - Orange – link < 1000 Mbps data transfer, link < 1000 Mbps
 - Orange, blinking – port inactive or disabled
- SFP+ ports 1G / 10G:
 - Off – port inactive
 - Blue – link 10 Gbps
 - Green – link 1000 Mbps



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1. Configuration interface (Console)

Connect the configuration interface via the included serial configuration cable to the serial interface of the device you want to use for configuring / monitoring the switch.



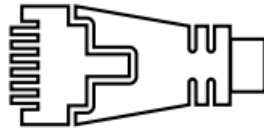
TP Ethernet interfaces 10M / 100M / 1G

Use Ethernet cables to connect the interfaces 1 to 12 to your PC or a LAN switch.



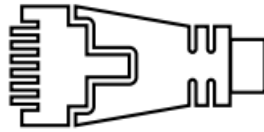
2. TP Ethernet interfaces 100M / 1G / 2.5G

Use Ethernet cables to connect the interfaces 13 to 24 to your PC or a LAN switch.



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

Use Ethernet cables to connect the interfaces 13 to 24 to your PC or a LAN switch.



4. SFP+ interfaces 1G / 10G

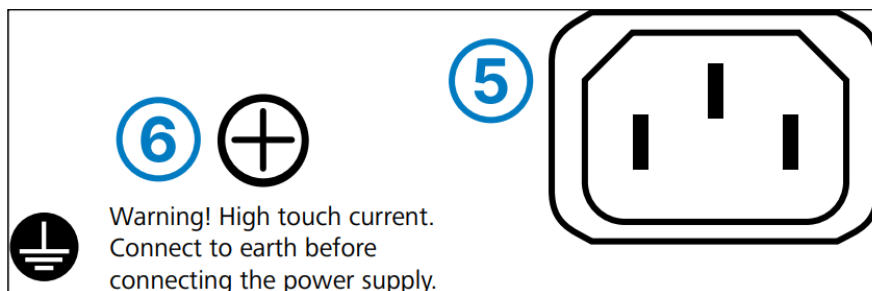
Insert suitable LANCOM SFP modules into the SFP+ interfaces 25 to 28. Choose cables which are compatible with the SFP modules and



5. Power connector (device back side)

Supply power to the device via the power connector. Please use the IEC power cable supplied or a country-specific LANCOM Power Cord.

ATTENTION: High touch current possible! Connect to earth before connecting the power supply.

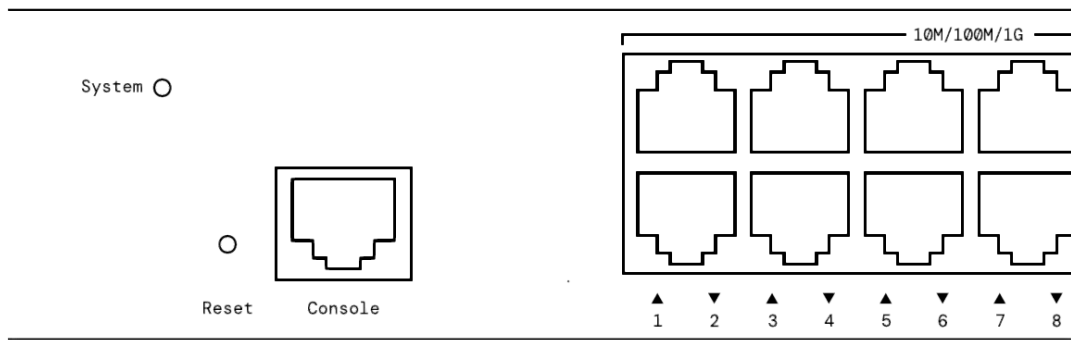


1. System

System: off Device switched off

System: green Device operational

System: red Hardware error



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2. Reset button

~5 sec. pressed Device restart

Pressed until all port LEDs glow: Configuration reset and device restart

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

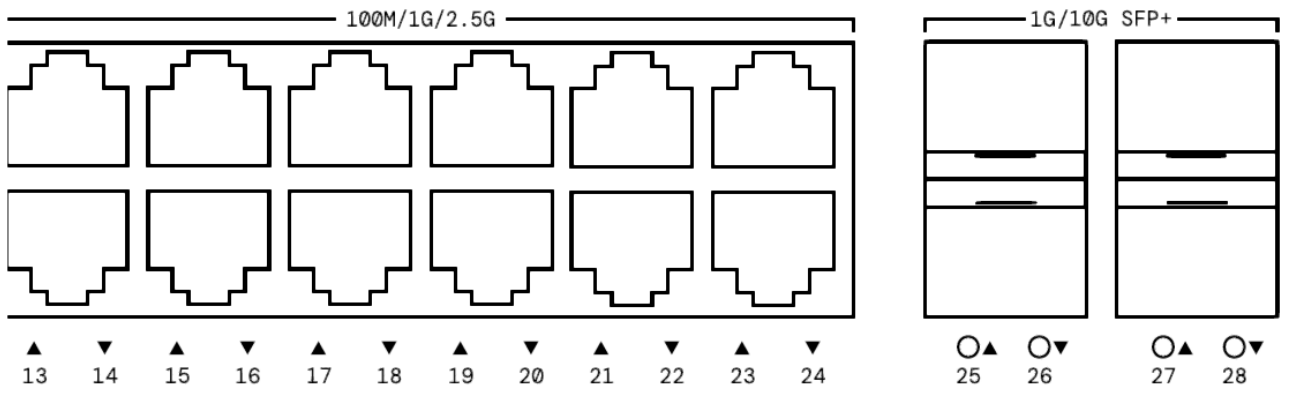
Off Port inactive or disabled

Green Link 1000 Mbps

Green, blinking Data transfer, link 1000 Mbps

Orange Link < 1000 Mbps

Orange, blinking Data transfer, link < 1000 Mbps



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

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

5. SFP+ ports 1G / 10G

Off Port inactive

Blue Link 10 Gbps

Green Link 1000 Mbps

Hardware

Power supply Internal power supply unit

Environment Temperature range 0–40°C; short-term temperature range 0–50°C; humidity 10–90%, noncondensing

Housing Robust metal housing, 19", 1 HU (442 x 44 x 375 mm > W x H x D) with removable mounting brackets, network connectors on the front Number of fans 1

Interfaces

ETH 12 TP Ethernet ports 10 / 100 / 1000 Mbps

12 TP Ethernet ports 10 / 100 / 2500 Mbps

SFP+ 4 SFP+ ports 1 / 10 Gbps 28 concurrent ports in total

Package Content

Mounting brackets 2 19" brackets for rackmounting

Cables 1 IEC power cord, 1 serial configuration cable 1.5 m

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 (SFP and DAC) 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
- → Keep all 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.

Documents / Resources

	LANCOM GS-3628X Hardware Fully Managed Access Switches [pdf] User Guide 112167, 0423, GS-3628X, GS-3628X Hardware Fully Managed Access Switches, Hardware Fully Managed Access Switches, Fully Managed Access Switches, Managed Access Switches, Access Switches, Switches
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References

- [L Business network solutions "engineered in Germany": LANCOM Systems GmbH](#)
- [L DoC - LANCOM Systems GmbH](#)
- [L LANCOM Management Cloud: LANCOM Systems GmbH](#)
- [L LANCOM SFP modules: LANCOM Systems GmbH](#)