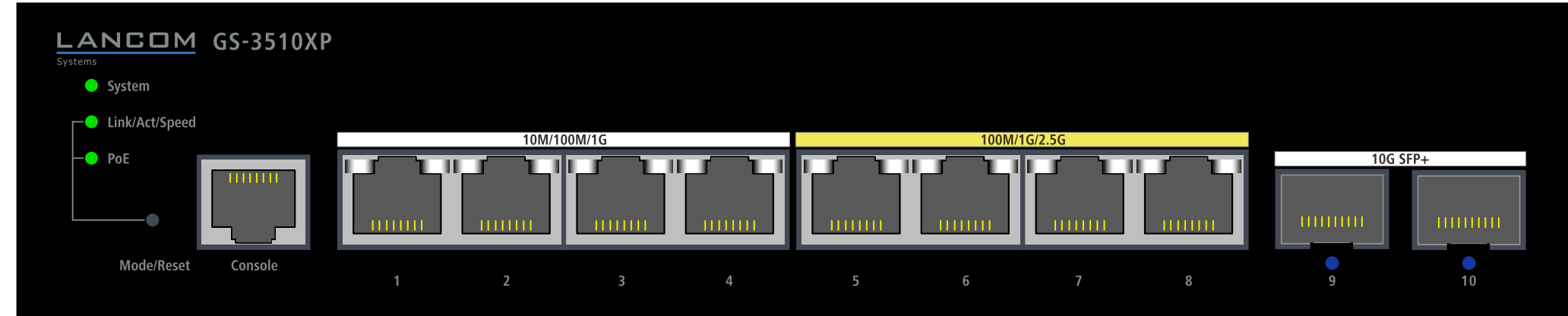
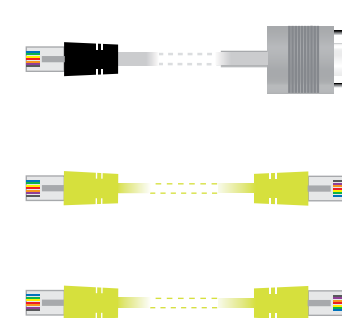
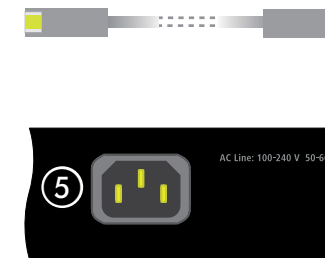




- ① **Configuration interface (Console)**  
Connect the configuration interface via the included serial configuration cable to the serial interface of the device you want to use for configuring / monitoring the switch.
- ② **TP Ethernet interfaces 10M/100M/1G**  
Use Ethernet cables to connect the interfaces 1 to 4 to further network devices.
- ③ **TP Ethernet interfaces 100M/1G/2.5G**  
Use Ethernet cables to connect the interfaces 5 to 8 to further network devices.



- ④ **SFP+ interfaces 10G**  
Insert suitable LANCOM SFP modules into the SFP+ interfaces 9 to 10. Choose cables which are compatible with the SFP+ modules and connect them as described in the SFP+ module's documentation.
- 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.



**Please observe the following when setting up the device**

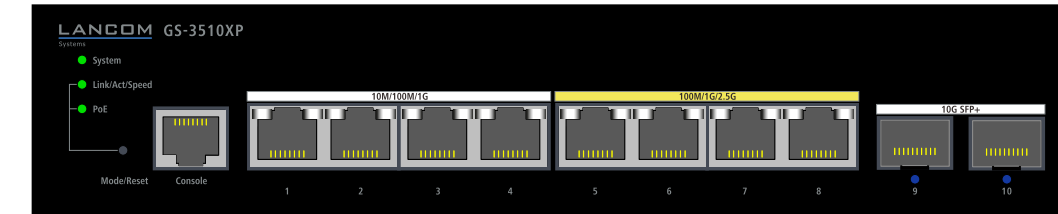
- The mains plug of the device must be freely accessible.
- For devices to be operated on the desktop, please attach the adhesive rubber footpads.
- Do not rest any objects on top of the device and do not stack multiple devices.

- Keep 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 brackets

**When installing in a server rack, a distance of at least 5 cm to the device above and below must be ensured.**

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.

## MOUNTING AND CONNECTING THE DEVICE



- ①②                      ③                      ④                      ⑤

## System / Link/Act/Speed / PoE

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| System: off           | Device switched off                                 |
| System: green         | Device operational                                  |
| System: red           | Hardware error                                      |
| Link/Act/Speed: green | Port LEDs show link / activity status or port speed |
| PoE: green            | Port LEDs show PoE status                           |

② Mode/Reset button

|                   |                                        |
|-------------------|----------------------------------------|
| Short press       | Port LED mode switch                   |
| ~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/Speed 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 connect device |
| Orange                               | Hardware error                               |

④ TP Ethernet ports 100M / 1G / 2.5G

| LEDs switched to Link/Act/Speed mode |                                 |
|--------------------------------------|---------------------------------|
| Off                                  | Port inactive or disabled       |
| Green                                | Link 2500 Mbps                  |
| Green, blinking                      | Data transfer, link 2500 Mbps   |
| Orange                               | Link < 2500 Mbps                |
| Orange, blinking                     | Data transfer, link < 2500 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 10G

| LEDs switched to Link/Act/Speed mode |                             |
|--------------------------------------|-----------------------------|
| Off                                  | Port inactive or disabled   |
| Blue                                 | Link 10 Gbps                |
| Blue, blinking                       | Data transfer, link 10 Gbps |
| Green                                | Link 1 Gbps                 |
| Green, blinking                      | Data transfer, link 1 Gbps  |

## Hardware

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| Power supply      | Internal power supply unit (110–230 V, 50–60 Hz)                                               |
| Power consumption | Max. 165 W (thereof 130 W PoE budget)                                                          |
| Environment       | Temperature range 0–40°C; short-term temperature range 0–50°C; humidity 10–90%, non-condensing |
| Housing           | Robust metal housing, 220 x 44 x 242 mm (W x H x D), network connectors on the front           |
| Number of fans    | Fanless                                                                                        |

## Interfaces

|     |                                          |
|-----|------------------------------------------|
| ETH | 4 TP Ethernet ports 10 / 100 / 1000 Mbps |
|     | 4 TP Ethernet ports 10 / 100 / 2500 Mbps |
|     | 2 SFP+ ports 10 Gbps                     |
|     | 10 concurrent Ethernet ports in total    |

## Declaration of Conformity

Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerseles, declares that this device is in compliance with Directives 2014/30/EU and 2014/35/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.lancom-systems.com/ce/](http://www.lancom-systems.com/ce/)

## Package Content

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Documentation     | Quick Reference Guide (DE/EN), Installation Guide (DE/EN) |
| Mounting brackets | Two 19" brackets for rackmounting                         |
| Cable             | 1 IEC power cord, 1 serial configuration cable 1.5 m      |