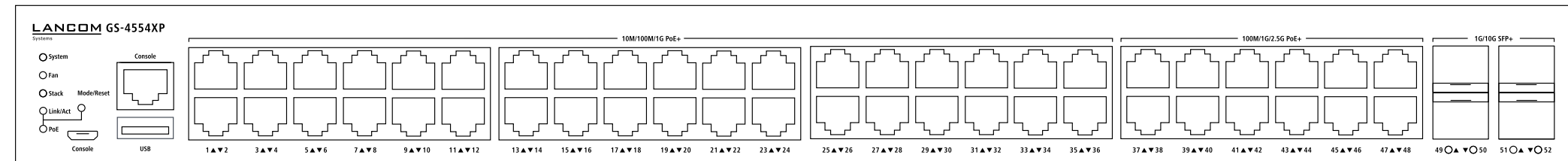
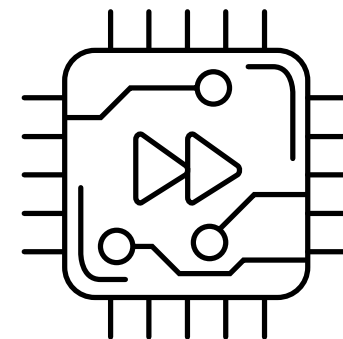


# Hardware Quick Reference

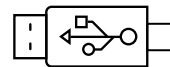
## LANCOM GS-4554XP



**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.



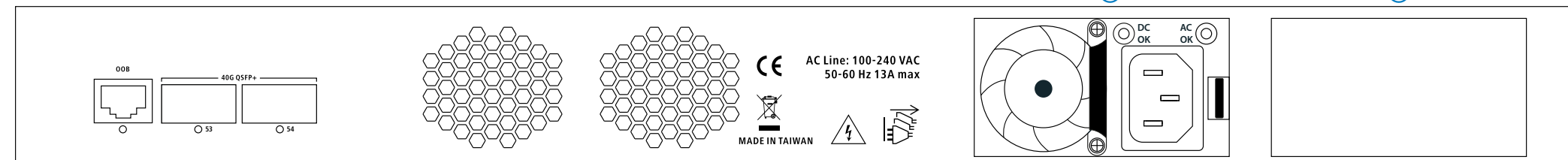
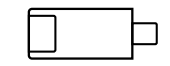
**3 TP Ethernet interfaces 10M / 100M / 1G PoE+**  
Connect the interfaces 1 to 36 via Ethernet cable to your PC or a LAN switch.



**4 TP Ethernet interfaces 100M / 1G / 2.5G PoE+**  
Connect the interfaces 37 to 48 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 49 to 52. 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](http://www.lancom-systems.com/SFP-module-MI).



**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.**

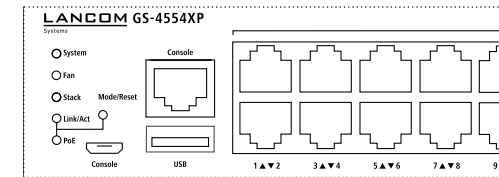


### Please observe the following when setting up the device

- For devices to be operated on the desktop, please attach the adhesive rubber footpads.
- Do not rest any objects on top of the device and do not stack multiple devices.
- Keep all ventilation slots 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](http://www.lancom-systems.com/slide-in-MI).

[www.lancom-systems.com/slide-in-MI](http://www.lancom-systems.com/slide-in-MI)

## Mounting & connecting



### A System / Fan / Stack / Link/Act / PoE

System: green	Device operational
System: red	System error, please check syslog / error log
Fan: red	Fan error
Stack: green	As manager: port activated and connected with standby manager connected
Stack: orange	As standby manager: port activated and connected to connected manager
Link/Act: green	Port LEDs show link / activity
PoE: green	Port LEDs show PoE status

### B Mode / Reset button

Short press	Switching the port LED display
~ 5 seconds pressed	Device restart
Pressed until all port LEDs glow	Configuration reset and device restart

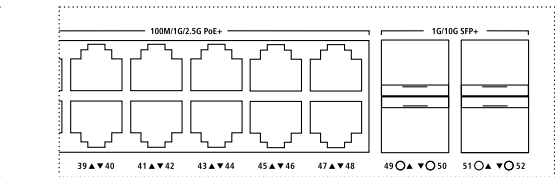
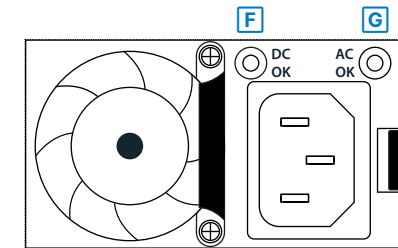
### C TP Ethernet ports 10M / 100M / 1G PoE+

#### 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	PoE function error



### D TP Ethernet ports 100M / 1G / 2.5G PoE+

#### 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	PoE function error

### E SFP+ ports 1G / 10G

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

### F G Power supply unit (rear panel)

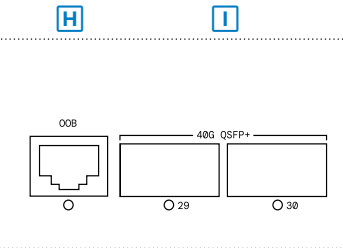
DC OK: green, blinking	Secondary power supply OK
DC OK: red, blinking	Secondary power supply failure
AC OK: green, blinking	Primary power supply OK
AC OK: red, blinking	Primary power supply failure

### H OOB port (rear panel)

Off	OOB port inactive
Green	Link 1000 Mbps

### I QSFP+ ports 40G (rear panel)

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



<b>Hardware</b>	
Power supply	Exchangeable power supply (110-230 V, 50-60 Hz)
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 440 mm (W x H x D)
Number of fans	2

<b>Interfaces</b>	
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	36 TP Ethernet ports 10 / 100 / 1000 Mbps PoE+ 12 TP Ethernet ports 100 / 1000 / 2500 Mbps PoE+
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

<b>Package Content</b>	
Mounting brackets	2 19" mounting brackets, 2 slide-in rails for rear stabilization in 19" racks
Power supply	1 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](http://www.lancom-systems.com/doc)