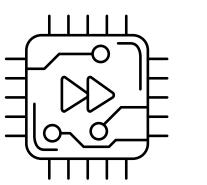
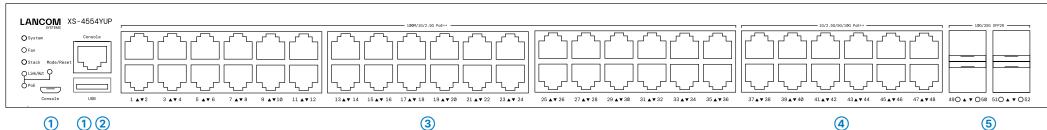
Hardware Quick Reference LANCOM XS-4554YUP





Configuration interfaces RJ-45 & micro USB (Console)

TP Ethernet interfaces 100M / 1G / 2.5G PoE++

TP Ethernet interfaces 1G / 2.5G / 5G 10G PoE++

CAT7 standard to your PC or a LAN switch.

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

SFP28 interfaces 10G / 25G

USB interface

firmware.

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.

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

Connect the interfaces 1 to 36 via Ethernet cable to your PC or a LAN

Connect the interfaces 37 to 48 via Ethernet cable with at least CAT6a /

Insert suitable LANCOM SFP modules into the SFP28 interfaces 49 to

connect them as described in the SFP modules mounting instructions:

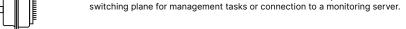
52. Choose cables which are compatible with the SFP modules and













OOB interface (rear panel)

QSFP28 interfaces 40G / 100G (rear panel) Plug suitable LANCOM QSFP modules into the QSFP28 interfaces 53 and 54. 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.

Use an Ethernet cable to connect this out-of-band service port for an IP interface independent of the



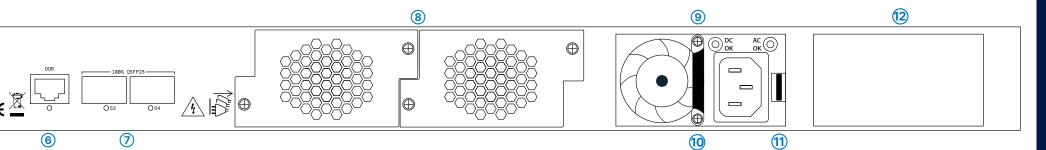
To remove a fan module in case of defect, loosen the two knurled screws of the module and remove the module from the plug-in unit. To install a new fan module, push it into the corresponding slot. Fasten the module to the switch housing with the knurled screws. Please note that a defective fan should be replaced

 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 (1) to the left, you can pull the module out of the device by the handle 10.

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 (11) 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.



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-Ml.

A B	C		D
A System / Fan / St	ack / Link/Act / PoE	D TP Ethernet po	rts
System: green	Device operational	LEDs switched to L	ink/
System: red	Hardware error	Off	
Fan: red	Fan error	Green	
Stack: green	As manager: port activated and	Green, blinking	
	connected with standby manager connected	Orange	
Stack: orange	As standby manager: port activated and	Orange, blinking	
Stack, Orange	connected to connected manager	LEDs switched to P	οE
Link/Act: green	Port LEDs show link / activity	Off	
PoE: green	Port LEDs show PoE status	Green	
B Mode / Reset but	ton	Orange	
Short press	Switching the port LED display	E SFP28 ports 10)G /
~ 5 seconds pressed	Device restart	Off	_
Pressed until all	Configuration reset and device restart	Blue	
port LEDs glow	0 100M / 10/2 FC PoE++	- Blue, blinking	
	s 100M / 1G/ 2.5G PoE++	- Green	
LEDs switched to Link		Green, blinking	
Off	Port inactive or disabled	F G Power sunr	dv i

Data transfer, link 2,500 Mbps	DC OK. green, blinking	Secondary powe
Link < 2,500 Mbps	DC OK: red, blinking	Secondary power
Data transfer, link < 2,500 Mbps	AC OK: green, blinking	Primary power s
mode	AC OK: red, blinking	Primary power s
Port inactive or disabled	H OOB port (rear par	nel)
Port enabled, power supply to	Off	OOB port inacti

QSFP28 ports 40G / 100G (rear panel)	
Off	Port inactive or disabled
Green	Link 100 Gbps
Green, blinking	Data transfer, link 100 Gbps
range	Link 40 Chas

1G/2.5G/5G/10G PnF++	18G/25G SFP28	Hardware	
	160/20 37/20	пагимаге	
		Power supply	Exchangeable power supp
		Environment	Temperature range 0–40° non-condensing
	490 A ¥ 050 510 A ¥ 052	Housing	Robust metal housing, 1 Hl network connections at fro
D	E	Number of fans	2

D TP Ethernet ports 1G / 2.5G / 5G / 10G PoE++
LEDs switched to Link/Act/Speed mode

ıu	LEDs switched to PoE r	node
 nd	Orange, blinking	Data transfer, link < 10 Gbps
	Orange	Link < 10 Gbps
	Green, blinking	Data transfer, link 10 Gbps
	Green	Link 10 Gbps
	Off	Port inactive or disabled
		•

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

	E 3FF28 ports 100 /	236
estart	Off	Port inactive or disabled
	Blue	Link 25 Gbps

	Dido	Liiii Lo obpo
_	Blue, blinking	Data transfer, link 25 Gbps
_	Green	Link < 25 Gbps
	Green blinking	Data transfer link < 25 Chne

F G Power supply unit (rear panel)

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

LEDs switched to PoE mode

Orange, blinking

Off	Port inactive or disabled
Green	Port enabled, power supply to connected device

Link 2,500 Mbps

Data transfer,

Data transfer,

range	Hardware error

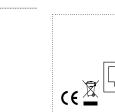
Off	Port inactive or disabled
Green	Link 100 Gbps
Green, blinking	Data transfer, link 100 Gbps
Orange	Link 40 Gbps
Orange, blinking	Data transfer, link 40 Gbps

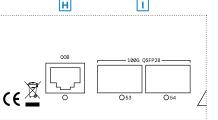
ply (110-230 V, 50-60 Hz) °C; short-term temperature range 0-50°C; humidity 10-90 %, HU with removable mounting brackets and slide-in rails, front and rear, dimensions 442 × 44 × 440 mm (W x H x D)

<u> </u>	nt	er	fa	се	s	

SFP28	2 QSFP28 40 / 100 Gbps uplink ports for connection to superordinate core switches or content servers, can also be configured as stacking ports via software
FP28	4 SFP28 10 / 25 Gbps, uplink ports for connection to superordinate core switches or content servers, can also be configured as stacking ports via software
P Ethernet	36 TP Ethernet ports 100 / 1,000 / 2,500 Mbps PoE++ 12 TP Ethernet ports 1,000 / 2,500 / 5,000 / 10,000 Mbps PoE++
onsole	1 RJ-45 / 1 Micro USB
SB	1 USB host
OB	1 OOB

_	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-9
_		power supplies (hot swappable, for redundancy operation)
	Fan modules	2 fan modules LANCOM SFAN-XS6, already mounted
	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







