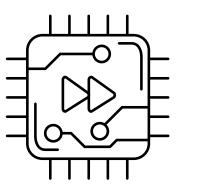
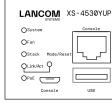
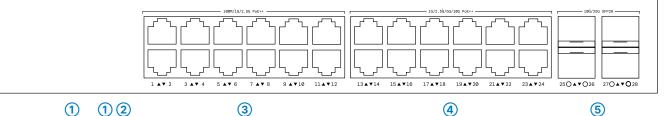
Hardware Quick Reference LANCOM XS-4530YUP









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.







SFP28 interfaces 10G / 25G

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

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



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

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



TP Ethernet interfaces 1G / 2.5G / 5G / 10G PoE++ Connect the interfaces 13 to 24 via Ethernet cable with at least CAT6a

Insert suitable LANCOM SFP modules into the SFP28 interfaces 25 to

28. Choose cables which are compatible with the SFP modules and connect them as described in the SFP modules mounting instructions:







/ CAT7 standard to your PC or a LAN switch.

 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.

QSFP28 interfaces 40G / 100G (rear panel)

Plug suitable <u>LANCOM QSFP modules</u> into the QSFP28 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.

2 slots for fan modules

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).

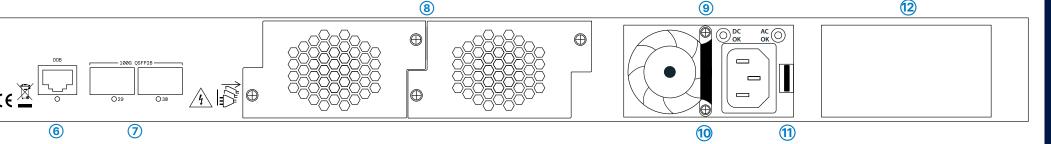
Supply the device with power via the power supply socket of the power supply module. Use the supplied power cord or a country-specific LANCOM power cord.

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 (1) audibly engages. Check by pulling the handle (1) 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.

All power plugs of the device must be freely accessible.

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



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.

LANCOM XS-4530YUP

OFan OStack Mode/Reset OLira/Act OPOE USSS USSS	1AY2 3AY4 5AY6 7AY8	15AV16 17AV18 19AV28	21A¥22 23A¥24 25OA¥Q26 27OA¥Q26
A B	C	D	E
A System / Fan / Sta	ack / Link/Act / PoE	D TP Ethernet ports	1G / 2.5G / 5G / 10G PoE++
System: green	Device operational	LEDs switched to Link/Act/Speed mode	
System: red	Hardware error	Off	Port inactive or disabled
Fan: red	Fan error	Green	Link 10 Gbps
Stack: green	As manager: port activated and	Green, blinking	Data transfer, link 10 Gbps
	connected with standby manager connected	Orange	Link < 10 Gbps
Stack: orange	As standby manager: port activated and	Orange, blinking	Data transfer, link < 10 Gbps
Stack, Grange	connected to connected manager	LEDs switched to PoE mode	
Link/Act: green	Port LEDs show link / activity	Off	Port inactive or disabled
PoE: green	Port LEDs show PoE status	Green	Port enabled, power supply to
B Mode / Reset button			connected device
Short press		Orange	Hardware error
	Switching the port LED display	E SFP28 ports 10G	¹ 25G
~ 5 seconds pressed Pressed until all	Device restart	Off	Port inactive or disabled
port LEDs glow	Configuration reset and device restart	Blue	Link 25 Gbps
C TP Ethernet ports 100M / 1G/ 2.5G PoE++		Blue, blinking	Data transfer, link 25 Gbps
<u> </u>		Green	Link < 25 Gbps
LEDs switched to Link	•	Green, blinking	Data transfer, link < 25 Gbps
Off	Port inactive or disabled	F G Power supply	unit (rear panel)
Green	Link 2,500 Mbps	DC OK: green blinking	Secondary power supply OK
Green, blinking	Data transfer, link 2,500 Mbps	DC OK: red, blinking	Secondary power supply failure
Orange	Link < 2,500 Mbps	AC OK: green, blinking	Primary power supply OK
Orange, blinking	Data transfer, link < 2,500 Mbps	AC OK: red, blinking	Primary power supply failure
LEDs switched to PoE	mode		Trinary power supply failure

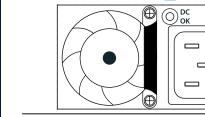
As manager: port activated and	Green, blinking	Data transfer, link 10 Gbps	
, ,	Orange	Link < 10 Gbps	
	Orange, blinking	Data transfer, link < 10 Gbps	
connected to connected manager	LEDs switched to PoE mode		
Port LEDs show link / activity	Off	Port inactive or disabled	
Port LEDs show PoE status	Green	Port enabled, power supply connected device	
ton	Orange	Hardware error	
Switching the port LED display			
Device restart	<u> </u>		
Configuration reset and device restart		Port inactive or disabled	
		Link 25 Gbps	
s 100M / 1G/ 2.5G PoE++		Data transfer, link 25 Gbps	
switched to Link/Act mode		Link < 25 Gbps	
•	Green, blinking	Data transfer, link < 25 Gbp	
	F G Power supply unit (rear panel)		
	DC OK: green, blinking	Secondary power supply Ol	
	DC OK: red, blinking	Secondary power supply fa	
	AC OK: green, blinking	Primary power supply OK	
	AC OK: red, blinking	Primary power supply failure	
Port inactive or disabled	H OOB port (rear panel)		
Port enabled, power supply to	Off	OOB port inactive	
connected device	Green	Link 1000 Mbps	
Hardware error	QSFP28 ports 40	G / 100G (rear panel)	
	Off	Port inactive or disabled	
	Green	Link 100 Gbps	
	Green, blinking	Data transfer, link 100 Gbps	
F G	Orange	Link 40 Gbps	
DC AC OK OK	Orange, blinking	Data transfer, link 40 Gbps	
	connected with standby manager connected As standby manager: port activated and connected to connected manager Port LEDs show link / activity Port LEDs show PoE status ton Switching the port LED display Device restart Configuration reset and device restart \$\frac{100M}{16}/2.5G \text{ PoE++} \$\frac{1}{2}/4 \text{ Conde} Port inactive or disabled Link 2,500 Mbps Data transfer, link 2,500 Mbps Link < 2,500 Mbps Data transfer, link < 2,500 Mbps mode Port inactive or disabled Port enabled, power supply to connected device Hardware error	Connected with standby manager connected As standby manager: port activated and connected to connected manager Port LEDs show link / activity Port LEDs show PoE status ton Switching the port LED display Device restart Configuration reset and device restart Sa 100M / 1G / 2.5G PoE++ C/Act mode Port inactive or disabled Link 2,500 Mbps Data transfer, link 2,500 Mbps Data transfer, link < 2,500 Mbps Dote are the connected device Hardware error I QSFP28 ports 400 Off Green Green, blinking Orange Orange Orange Orange Orange Orange, blinking Orange, blinking Orange, blinking Orange, blinking	

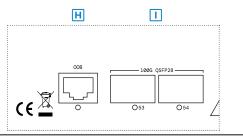
Hardware		
Power supply	Exchangeable power supply (110-230 V, 50-60 Hz)	
Environment	Temperature range 0–40° C; short-term temperature range 0–50° C; humidity 10–90 %, non-condensing	
Housing	Robust metal housing, 1 HU with removable mounting brackets and slide-in rails, network connections at front and rear, dimensions 442 × 44 × 375 mm (W x H x D)	
Number of fans	2	
Interfaces		
QSFP28	228 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	
SFP28	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	

age Content	
	100B
	1 USB host
ole	1 RJ-45 / 1 Micro USB
	12 TP Ethernet ports 1,000 / 2,500 / 5,000 / 10,000 Mbps PoE++

12 TP Ethernet ports 100 / 1,000 / 2,500 Mbps PoE++

	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)
	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



