Hardware Quick Reference

LANCOM XS-4530YUP

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 100M / 1G / 2.5G PoE++
Connect the interfaces 1 to 12 via Ethernet cable to your PC or a LAN switch.

④ TP Ethernet interfaces 1G / 2.5G / 5G / 10G PoE++
Connect the interfaces 13 to 24 via Ethernet cable with at least CAT6a / CAT7 standard to your PC or a LAN switch.

⑤ SFP28 interfaces 10G / 25G
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: www.lancom-systems.com/SFP-module-MI.

⑥ 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.

⑦ QSFP28 interfaces 40G / 100G (rear panel)
Plug suitable LANCOM QSFP modules 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.

⑧ 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 within 48h.

⑨ 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 ⑪ to the left, you can pull the module out of the device by the handle ⑩.

⑫ 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.

All power plugs of the device must be freely accessible.
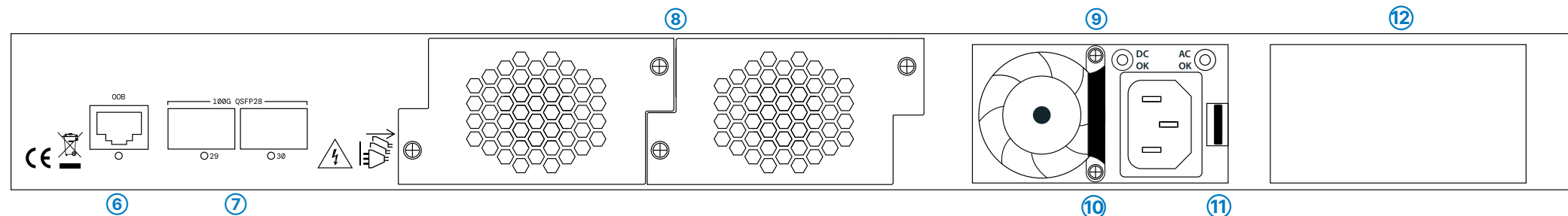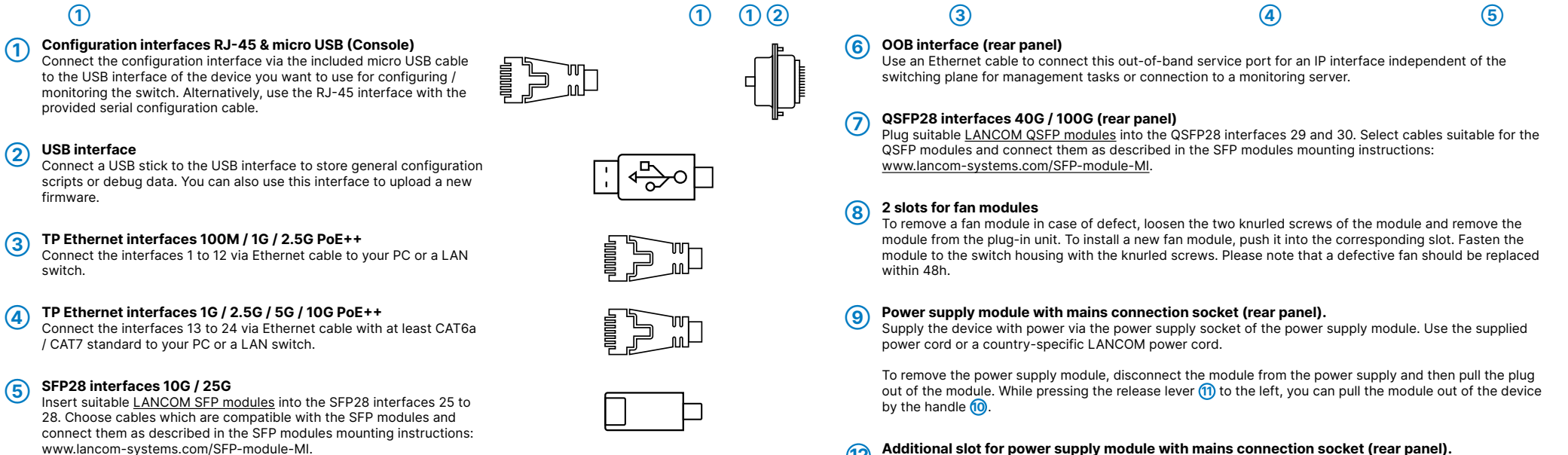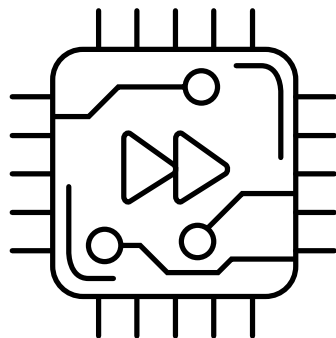
Please note that support for third-party accessories (SFP and DAC) is not provided.
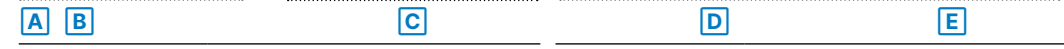
ⓘ

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.
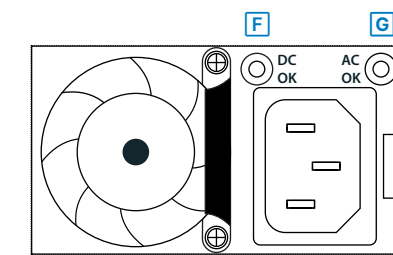

Mounting & connecting

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

System: green	Device operational
System: red	Hardware error
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

Ⓑ 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

Ⓒ TP Ethernet ports 100M / 1G / 2.5G PoE++

LEDs switched to Link/Act mode

Off	Port inactive or disabled
Green	Link 2,500 Mbps
Green, blinking	Data transfer, link 2,500 Mbps
Orange	Link < 2,500 Mbps
Orange, blinking	Data transfer, link < 2,500 Mbps

LEDs switched to PoE mode

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

Ⓓ TP Ethernet ports 1G / 2.5G / 5G / 10G PoE++

LEDs switched to Link/Act/Speed mode

Off	Port inactive or disabled
Green	Link 10 Gbps
Green, blinking	Data transfer, link 10 Gbps
Orange	Link < 10 Gbps
Orange, blinking	Data transfer, link < 10 Gbps

LEDs switched to PoE mode

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

Ⓔ SFP28 ports 10G / 25G

Off	Port inactive or disabled
Blue	Link 25 Gbps
Blue, blinking	Data transfer, link 25 Gbps
Green	Link < 25 Gbps
Green, blinking	Data transfer, link < 25 Gbps

Ⓕ Ⓖ 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

Ⓗ OOB port (rear panel)

Off	OOB port inactive
Green	Link 1000 Mbps

Ⓘ QSFP28 ports 40G / 100G (rear panel)

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

LED description & technical details

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	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
TP Ethernet	12 TP Ethernet ports 100 / 1,000 / 2,500 Mbps PoE++ 12 TP Ethernet ports 1,000 / 2,500 / 5,000 / 10,000 Mbps PoE++
Console	1 RJ-45 / 1 Micro USB
USB	1 USB host
OOB	1 OOB

Package Content

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