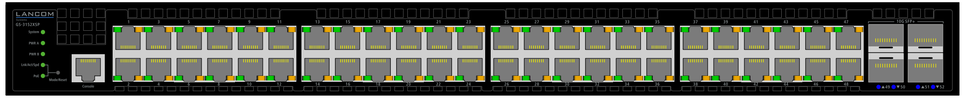
SECURE. NETWORKS.



LANCOM GS-3152XSP
Quick Reference Guide

LANCOM Systems

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**
Use Ethernet cables to connect the interfaces 1 to 48 to your PC or a LAN switch.

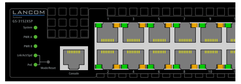
③ **SFP+ interfaces**
Insert suitable LANCOM SFP modules into the SFP+ interfaces 49 to 52. Choose cables which are compatible with the SFP modules and connect them as described in the module's documentation.

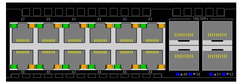
④ **Power supply modules with power connectors (device back side)**
Supply power to the device via the power connectors of the power supply modules on the device's back side. Please use the IEC power cables supplied (not for WW devices) or country-specific LANCOM Power Cords.

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. If an additional rear support surface is required for more stable mounting of the switch, please use the LANCOM Switch Rack Mount L250.
- Please note that support for third-party accessories (SFP and DAC) is not provided.

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





① System / PWR A / PWR B / Link/Act/Speed / PoE	
System: off	Device powered off
System: green	Device operational
System: red	Hardware error
PWR A / PWR B: off	
PWR A / PWR B: green	
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	
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 connected device
Orange	Hardware error

④ 10 G SFP+ ports	
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

⑤ ⑥ Power supply unit LEDs	
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

TECHNICAL DATA

Hardware	
Power supply	Exchangeable power supply (110–230 V, 50-60 Hz)
Power consumption	Max. 920 W when using one PSU, max. 1840 W when using two PSUs
Environment	Temperature range 0–40° C; short term temperature conditions 0–50°C; humidity 10–90%; non-condensing
Housing	Robust metal housing, 19" 1U (442 x 44 x 440 mm > W x H x D) with removable mounting brackets, network connectors on the front
Number of fans	2 (3 when using 2 PSUs)
Interfaces	
ETH	> 48 TP Ethernet ports 10/100/1000 Mbps
SFP	> 4 10 G SFP+ ports 1 / 10 Gbps > 52 concurrent ports in total

Declaration of Conformity

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

Package Content	
Documentation	Quick Reference Guide (DE/EN), Installation Guide (DE/EN)
Mounting brackets	Two 19" brackets for rack mounting; If an additional rear support surface is required for more stable mounting of the switch, please use the LANCOM Switch Rack Mount L250, item no.: 61432, which is available as an accessory.
Power supply unit	1x exchangeable power supply LANCOM SPSU-920 (expandable up to 2 PSUs for redundancy / higher PoE budget)
Cable	1 IEC power cord, 1 serial configuration cable 1.5 m

LANCOM, LANCOM Systems, LCOS, LANcommunity and Hyper Integration are registered trademarks. All other names or descriptions used may be trademarks or registered trademarks of their owners. This document contains statements relating to future products and their attributes. LANCOM Systems reserves the right to change these without notice. No liability for technical errors and/or omissions.