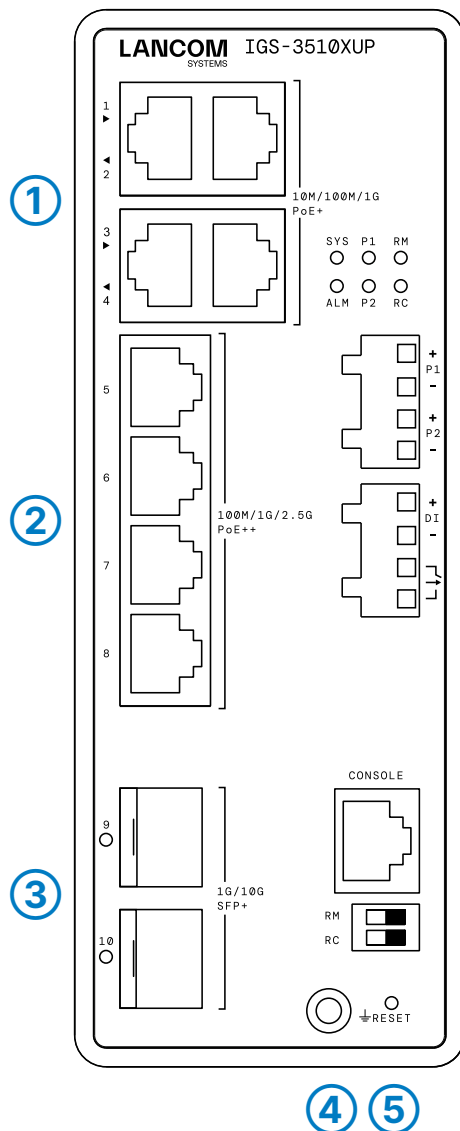
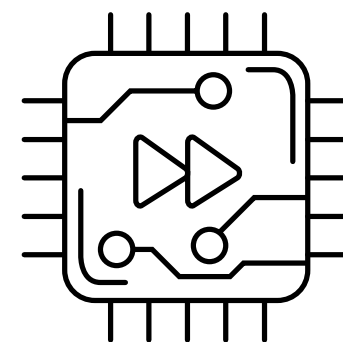
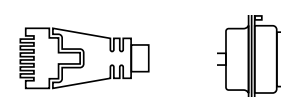
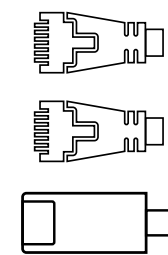


Hardware Quick Reference

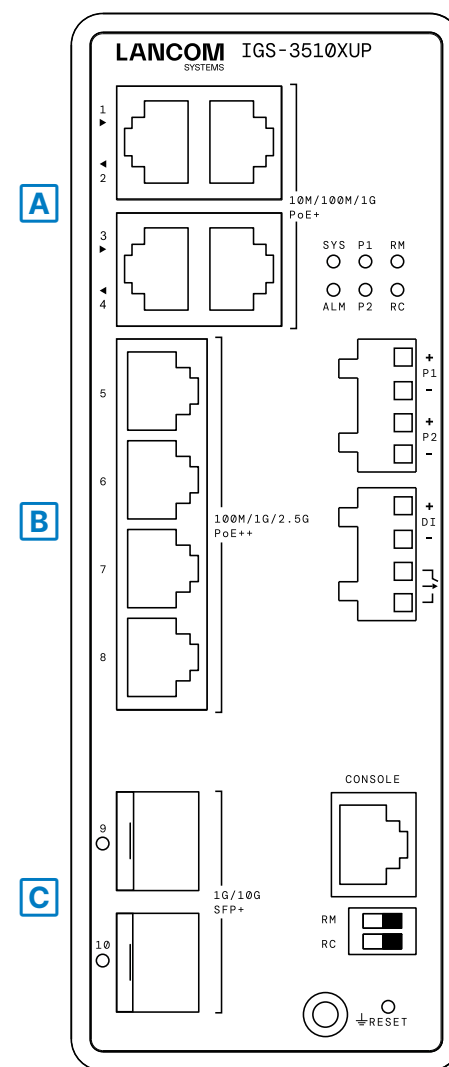
LANCOM IGS-3510XUP



- 1 **TP Ethernet interfaces 10M / 100M / 1G**
Use suitable Ethernet cables to connect the interfaces 1 to 4 to further network devices.
 - 2 **TP Ethernet interfaces 100M / 1G / 2.5G**
Use suitable Ethernet cables to connect the interfaces 5 to 8 to further network devices.
 - 3 **SFP+ interfaces 1G / 10G**
Insert suitable LANCOM SFP modules into the SFP+ interfaces 9 to 10. Choose cables which are compatible with the SFP+ modules and connect them as described in the SFP+ module's documentation.
 - 4 **Ground terminal**
 - 5 **Reset button**
Device restart:
Pressed for 2 ~ 7 seconds until system LED blinking green (port LEDs off)
Configurations-Reset:
Pressed for 7 ~ 12 seconds until system LED blinking green (port LEDs on)
 - 6 **DIP switch for configuring the Rapid Ring behavior**
The default setting of the DIP switch is set to On / On (software control). In hardware control mode, all Rapid Ring software configurations via web, telnet and console are deactivated.
- | Mode | RM | RC | Rapid Ring status | Port 1 | Port 2 | LED RM (Ring Master) | LED RC (Rapid Chain) |
|------------|-----|-----|----------------------------------|-------------------------|--------------------------|----------------------|---|
| HW control | Off | Off | Single Ring member | Largest odd port number | Largest even port number | Orange | Off |
| HW control | On | Off | Single Ring master | Largest odd port number | Largest even port number | Green | Off |
| HW control | Off | On | Rapid Chain | Largest odd port number | Largest even port number | Off | Green (active path)
Orange (backup path) |
| SW control | On | On | Rapid Ring settings per software | - | - | - | - |
- Only Single Ring and Rapid Chain can be configured via DIP switches. The largest even/odd ports include both fiber optic and copper. With combo ports, either fiber optic or copper can be used as a ring connection.
- 7 **Configuration interface**
Connect the configuration interface to the serial interface of the device via which the switch is to be configured and / or monitored using the enclosed serial configuration cable.
 - 8 **Digital inputs/outputs**
 - 9 **Power supply connectors**
Redundant power supply (2 connectors P1 and P2)



Mounting & connecting



- A **TP Ethernet ports 10M / 100M / 1G PoE+**
Off Port inactive or deactivated
Orange Link < 1 Gbps
Orange, blinking Data transfer, link < 1 Gbps
Green Link 1 Gbps
Green, blinking Data transfer, link 1 Gbps
- B **TP Ethernet ports 100M / 1G / 2.5G PoE++**
Off Port inactive or deactivated
Orange Link < 1 Gbps
Orange, blinking Data transfer, link < 1 Gbps
Green Link 1 / 2,5 Gbps
Green, blinking Data transfer, link 1 / 2,5 Gbps
- C **SFP+ports 10G**
Off Port inactive or deactivated
Green Link 10 Gbps
Green, blinking Data transfer, link 10 Gbps
Orange Link 1 Gbps
Orange, blinking Data transfer, link 1 Gbps
- D **SYS / ALM / P1 / P2 / RM / RC**
SYS off Device off
SYS green Device ready
ALM off Normal operating status
ALM red An abnormal condition, such as temperature, voltage or DC power 1 / 2, has been detected
P1 / P2 off No power supply via P1 / P2
P1 / P2 green Power supply via P1 / P2
RM off Deactivated
RM green Ring Master detected
RM orange Ring Member detected
RC off Deactivated
RC green Rapid Chain detected (Active path)
RC orange Rapid Chain detected (Backup path)
RC orange, blinking No rapid chain switch found

Before initial startup, please make sure to take notice of the information regarding the intended use in the enclosed installation guide!

Switch off the power supply before connecting or disconnecting modules or cables. The correct mains voltage is indicated on the product label. Check the voltage of your power source to ensure that you are using the correct voltage. Do not use a higher voltage than specified on the product label.



Please observe the following when setting up the device
→ Keep all ventilation slots on the side of the device clear of obstruction
→ Please note that support service for third-party accessories is excluded.

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