

LANCOM GS-4530XUP

Stackable full layer 3 PoE++ access switch for medium, data-intensive infrastructures



This fully managed access switch with the latest IEEE 802.3bt Power over Ethernet standard and full layer 3 functions is the ideal solution for data intensive infrastructures in enterprise environments. With its industry standard port equipment, it offers the necessary performance even at high workloads and enables uplinking and stacking. Its 24 Gigabit Ethernet ports support 2.5 Gigabit Ethernet and thus form the necessary high-performance basis, for example, for operating Wi-Fi 6 and Wi-Fi 6E access points and other network components with high performance requirements like e.g. PoE++ powered lighting concepts or displays. In addition, professional redundancy functions and LANCOM fail-safe stacking guarantee fail-safe operation with the best protection covered by the Limited Lifetime Warranty (LLW). Orchestrated via the LANCOM Management Cloud (LMC), its configuration is automated.

- Multi-Gigabit access switch with 24x 2.5 multi-Gigabit Ethernet ports, 4x 10G SFP+ ports, and 2x 40G QSFP+ uplink or stacking ports
- PoE support as per IEEE 802.3af/at and IEEE 802.3bt PD-Type 4 with up to 1440 watts
- Full layer 3 functionality with policy-based dynamic routing and DHCP server function
- Backplane stacking optionally (SW-defined) via SFP+ or QSFP+ ports
- 1x hot-swappable PSU integrated, second PSU optional
- 2x fixed, redundant fans (N+1)
- Front-to-back ventilation design for optimal cooling in 19" racks
- Industry standard CLI
- Cloud-managed LAN and switch stacking for quick configuration and convenient management via the LMC
- IPv6 and IPv4 support for modern enterprise networks
- Limited Lifetime Warranty (LLW) included



LANCOM GS-4530XUP

High performance on 30 ports

The LANCOM GS-4530XUP is equipped with 12x 2.5 multi-Gigabit PoE+ Ethernet ports, 24x Gigabit PoE+ Ethernet ports, as well as 4 SFP+ and 2 QSFP+ ports supporting transmission rates of 10 and 40 Gbps respectively. In addition, with a data throughput of 360 Gbps on the backplane, it offers wirespeed performance even at high workloads. The multi-Gigabit access switch thus forms the powerful basis for modern network infrastructures in all industries and areas of application.

A high-performance basis for Wi-Fi 6E – PoE included

Thanks to 24 high-performance 2.5 Gigabit Ethernet ports, the LANCOM GS-4530XUP is the ideal LAN-side basis for integrating the new wireless LAN standard Wi-Fi 6E into modern infrastructures. The increased data rates when using Wi-Fi 6E require 2.5 Gigabit Ethernet, as the required performance demands exceed those of a simple Gigabit Ethernet port. This switch in combination with the corresponding PoE power thus enables the operation of up to 24 Wi-Fi 6E access points or other network components with high performance requirements – without additional electrical installation.

Central power supply without additional electrical installation

As a powerful PoE switch, the LANCOM GS-4530XUP supplies connected PoE end devices without additional power supplies or power cabling. It supports the Power over Ethernet standards IEEE 802.3af (PoE), IEEE 802.3at (PoE+) and IEEE 802.3bt PD-Type 4 (PoE++) with up to 90 watts per port. Thanks to high power reserves, a PoE budget of 1,440 watts is available when using both power supplies in power mode, making it ideal for efficiently powering PoE end devices with high energy requirements.

Redundant network topologies with high-performance stacking

Stacking allows up to eight physical switches to be combined into one logical unit for convenient maintenance and management – at a single site or even distributed across different sites. Via the nonstop forwarding function, the stack manager cyclically supplies its standby with current information such as the MAC table and its own status information. In the event of a failure, the standby manager is able to take over without noticeable network interruption via the hitless failover function. Subsequent expansion of the network is also possible, as the new switch receives its configuration automatically from the stack manager and is ready for use within seconds. The stacking function can also be activated on both the front SFP+ uplink ports and the rear QSFP+ uplink ports, enabling a mixed stack with the LANCOM XS-5110F and XS-5116QF aggregation switches.

Full control over your investment

Fully equipped ex works, ready for immediate use, everything from a single source: In accordance with the principle of "Total Cost of Ownership" (TCO), the LANCOM GS-4530XUP gives you planning security from the very beginning and at all times with regard to the acquisition costs for your network expansion. The full expansion with all necessary ports in the industry standard makes time-consuming and costly retrofitting of proprietary port modules a thing of the past. Furthermore, our accessories portfolio



LANCOM GS-4530XUP

provides you with the necessary SFP modules and direct attach cables directly from us in tested LANCOM quality. In addition to the guarantee of maximum operational reliability through extensive load and long-term tests of the modules, you also avoid long delivery times.

Full layer 3 routing for high network efficiency

The LANCOM GS-4530XUP is full layer 3 capable with policy-based dynamic routing via OSPF, providing dynamic network routes through one or more network segments. This provides tremendous increase in network efficiency for example in meshed networks with multiple aggregation switches at different locations.

Hardware redundancy

The LANCOM GS-4530XUP with a "hot-swappable" PSU (power supply unit) allows the power supply to be replaced quickly and without interruption in the event of a defect. A separate plug-in module allows the addition of a second PSU. With the integration of two redundant power supply units, for example, highly fail-safe scenarios can be realized or the PoE power can be bundled and thus doubled. In addition, the redundant (N+1) fan concept also ensures fail-safe switch operation in case one of the two fans fails.

Hybrid management options

Like all LANCOM products, this switch also features hybrid management. Depending on your personal preference, the following management options are available: LANtools, web-based GUI, generic CLI, or LANCOM Management Cloud (LMC). In addition, you benefit from the freedom to switch between management options at any time. Thus, a later switch to a cloud-operated network is easily possible (requires a valid LMC license). Meanwhile, the generic CLI ensures that this switch can be easily integrated into existing LAN networks.

Cloud-managed LAN and switch stacking

With the LANCOM Management Cloud, the LANCOM GS-4530XUP offers fast and easy network integration as well as automatic configuration assignment. Cloud-managed LAN replaces individual device configuration with holistic network orchestration and enables automatic VLAN assignment to the desired switch ports. Configurations can be rolled out or updated simultaneously at the click of a mouse and even more complex networking scenarios easy to administer. When using the LANCOM GS-4530XUP in a stack, Cloud-managed switch stacking also ensures convenient management and monitoring of the entire stack. The cloud independently detects which and how many switches belong to the stack. Learn more about professional network connectivity and configuration in the Design guide switch stacking.

Secure remote management

Secure communication protocols such as SSH, SSL and SNMPv3 mean that the LANCOM GS-4530XUP is ideal for professional remote network management. The switch also supports the TACACS+ protocol for authentication, authorization, and accounting. This optimized solution promises maximum security for multi-site network management and monitoring.



LANCOM GS-4530XUP

Limited Lifetime Warranty (LLW)

This enterprise switch is covered ex works by the LANCOM Limited Lifetime Warranty. Regardless of the operating time, the replacement service is valid until the End of Life status of the device (max. 10 years). For next-business-day delivery of a replacement device, we recommend LANcare NBD Replacement as well as LANcare Direct Advanced in 24/7 or 10/5 variants. LANcare Direct Advanced also offers technical manufacturer support with guaranteed service and response times.



LANCOM GS-4530XUP

Security

| | |
|-----------------------------|--|
| Secure Shell Protocol (SSH) | SSH for a secure remote configuration |
| Secure Sockets Layer (SSL) | SSL to encrypt HTTP connections; advanced security for browser-based configuration via web interface |
| IEEE 802.1X | IEEE 802.1X access control on all ports; RADIUS for authentication, authorization and accounting with e.g. MD5 hashing; guest VLAN; dynamic VLAN assignment |
| Private VLAN edge | Layer 2 isolation between clients in the same VLAN ("protected ports"); support multiple uplinks |
| Port security | Locking of MAC addresses to ports; limiting of the number of learned MAC addresses |
| IP source guard | Blocking access for illegal IP addresses on specific ports |
| Access-control-lists | Drop or rate limitation of connections based on source and destination MAC addresses, VLAN ID, IP address (IPv4/IPv6), protocol, port, DSCP/IP precedence, TCP/UDP source and destination ports, IEEE 802.1p priority, ICMP packets, IGMP packets, TCP flag. Support of 1023 ACEs (max. rules per list) per ACL and up to 2800 entries in total. |
| RADIUS/TACACS+ | Authentication, authorization and accounting of configuration changes by RADIUS or TACACS+ |
| Storm Control | Multicast/Broadcast/Unicast storm suppression |
| Isolated Group | Allows certain ports to be designated as protected. All other ports are non-isolated. Traffic between isolated group members is blocked. Traffic can only be sent from isolated group to non-isolated group. |
| DHCP Snooping | Protection against rogue DHCP servers on the network - Outgoing DHCP-server packets are only allowed on specific ports. |
| Dynamic ARP Inspection | Dynamic ARP Inspection to prevent man-in-the-middle attacks incl. proxy ARP |
| ARP Request Poisoning | Protection against ARP Request Poisoning (ARP Spoofing) |
| IPv6 First Hop | IPv6 First Hop Security by Snooping Guard, DHCPv6 Guard, Source Guard, Prefix Guard |
| Denial-of-Service | Protection against Denial-of-Service attacks to prevent the loss of important protocol functions |

Performance

| | |
|---------------------------|---|
| Switching technology | Store and forward with latency less than 4 microseconds |
| MAC addresses | Support of max 32K MAC addresses |
| Throughput | Max. 360 Gbps on the backplane |
| Maximum packet processing | 267 million packets per second (mpps) at 64-byte packets |
| VLAN | Port based and IEEE 802.1q tag based VLAN with up to 4,093 VLAN; Supports ingress and egress packet filter in port based VLAN |
| Jumbo frame support | Jumbo frame support with up to 12288 bytes |



LANCOM GS-4530XUP

Performance

Packet Buffer 4 MB

PoE with IEEE 802.3bt and IEEE 802.3at/af

2.5G Ports 24x IEEE 802.3bt 2.5G PoE ports with up to 90W per port (type 4, compatible to IEEE 802.3at/af powered devices), limited by the maximum PoE power supplied

Power 720 W total power with dynamic load balancing on all ports (optional up to 1440 W with second power supply unit)

Priorisation Supports port based priority and PoE status setting

Status information Monitoring via LED, displaying the actual power consumption per port in web interface

Energy efficiency (Green Ethernet)

Energy detection Energy efficiency according to IEEE 802.3az. Automatically turns off power on Gigabit Ethernet RJ-45 port when detecting link down or Idle of client. Active mode is resumed without loss of any packets when the switch detects the link up

Cable length detection Adjusts the signal strength based on the cable length. Reduces the power consumption for short cable

Layer 3 features

Number of L3 interfaces up to 128

Static routing (IPv4/IPv6) Hardware based static routing (IPv4/IPv6) with a number of 16,000 possible routes

DHCP Server DHCP Server per VLAN, max. 16 pools

VRRP Virtual Router Redundancy Protocol

Dynamic routing (IPv4/IPv6) dynamic routing by OSPFv2 and OSPFv3

Protocol Independent Multicast PIM-Sparse mode (PIM-SM) and PIM-Dense mode (PIM-DM)

Source specific multicast Source specific multicast (SSM) for IP

Layer 2 switching

Spanning Tree Protokoll (STP) / Rapid STP / Multiple STP / PVST Standard Spanning Tree according to IEEE 802.1d with fast convergence support of IEEE 802.1w (RSTP); using Multiple Spanning Tree instances by default according to IEEE 802.1s (MSTP), PVST with up to 8 instances

Link Aggregation Control Protocol (LACP) Support of 64 groups containing up to 8 ports each according to IEEE 802.1ax

VLAN Support for up to 4K VLANs simultaneously (out of 4093 VLAN Ids); matching due to port, IEEE 802.1q tagged VLANs, MAC addresses, IP subnet and Private VLAN Edge function ("protected ports")

Voice VLAN Voice traffic is automatically assigned to a voice-specific VLAN and treated with appropriate levels of QoS



LANCOM GS-4530XUP

Layer 2 switching

| | |
|---------------------------|---|
| IGMP multicasts | IGMP v1, v2, v3 to limit bandwidth-intensive multicast traffic to ports with requesters; supports 1024 multicast groups; source-specific multicasting |
| IGMP querier | Support of multicast domains of snooping switches in the absence of a multicast router |
| IGMP Snooping | IGMP Snooping to identify multicast groups and prevent unnecessary traffic |
| IGMP proxy | IGMP proxy to pass IGMP messages through |
| MLD v1/v2 | Multicast Listener Discovery - IPv6 multicast packets are transmitted to interested listeners only |
| Generic VLAN registration | VLAN registration with GVRP according to IEEE 802.1q for automatic delivery of VLANs in bridged domains |
| DHCP Relay Agent | Relay of DHCP broadcast request to different LANs |
| Supported DHCP options | all options listed in RFC2132 |

Stacking

| | |
|-----------------|--|
| Stacking Option | Stacking via SFP+ uplink (10G) or QSFP+ uplink ports (40G) |
|-----------------|--|

Interfaces

| | |
|-----------------------------|---|
| Ethernet | <ul style="list-style-type: none"> → 24 TP ports 100/1000/2500 Mbps → 4 SFP+ ports 1/10 Gbps → 2 QSFP+ Uplink or Stacking ports 40 GBit/s → 30 concurrent Ethernet ports in total |
| Console port | Micro-USB and RJ45 configuration port for command line access |
| Out of band management port | Out of Band Management via Ethernet Port (SSH, HTTP/S, SCP, SFTP) |

Management and monitoring

| | |
|------------------------------|--|
| Management | LANconfig, WEBconfig, LANCOM Management Cloud, Industry Standard CLI |
| Command Line Interface (CLI) | Configuration and status display from the command line with console application and direct connection to console port, via Telnet or SSH |
| Monitoring | LANmonitor, LANCOM Management Cloud |
| Remote Monitoring | Integrated RMON software agent supports 4 RMON groups (history, statistics, alarms and events) for enhanced traffic management, monitoring and analysis |
| Port Mirroring | Traffic can be mirrored from on port to another for investigation with network analyzer or RMON probe. Up to 27 ports can be mirrored to a single mirror port. Single sessions can be selected |
| Security | Access rights (read/write) can be set up separately, access control list |



LANCOM GS-4530XUP

Management and monitoring

| | |
|-----------------|--|
| SNMP | SNMP management via SNMPv1, v2c or v3 with support of traps. User-based security model for SNMPv3 (USM) |
| Diagnosis | Diagnosis from the switch with PING and cable diagnosis |
| Firmware update | <ul style="list-style-type: none"> → Update via WEBconfig and browser (HTTP/HTTPS) → Update via TFTP, SCP, and LANconfig → Update via LANCOM Management Cloud → Dual firmware image to update during operation |
| Secure Copy | Securely import and export files |
| DHCP client | Automatic assignment of the management IP address by DHCP |
| SNTP | Automatic time settings with Simple Network Time Protocol (SNTP) |
| s-flow v5 | Standard for monitoring of high-speed-networks. Visualization of network use, accounting and analysis to protect your network against dangers |

Hardware

| | |
|--|--|
| Weight | 12,12 lbs (5,5 kg) |
| Power supply | Two bays for swappable power supply units (100 – 240 V, 50 – 60 Hz) |
| 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 373 mm > W x H x D) with removable mounting brackets, network connectors on the front |
| Fans | 3 (4 when using 2 PSUs) redundant, but not hot swappable |
| Power consumption (max) without powered devices | 80 W (when using one PSU, or two PSUs in redundancy mode) |
| Power consumption (max) at full PoE power delivery | <ul style="list-style-type: none"> → 800 W (when using one PSU, or two PSUs in redundancy mode) → 1520 W (when using two PSUs in boost mode) |
| Power consumption (idle) | 75 W |
| Acoustic noise (typ) | 60 dBA |
| Heat power (max) | 205 BTU/h |

Software

| | |
|----------------------|--|
| LCOS version | based on LCOS SX 5.20 |
| Lifecycle Management | After discontinuation (End of Sale), the device is subject to the LANCOM Lifecycle Management. Details can be found at: www.lancom-systems.com/lifecycle |



LANCOM GS-4530XUP

Software

| | |
|----------------------|---|
| Anti-backdoor policy | Products from LANCOM are free of hidden access paths (backdoors) and other undesirable features for introducing, extracting or manipulating data. The trust seal "IT Security made in Germany" (ITSMIG) and certification by the German Federal Office for Information Security (BSI) confirm the trustworthiness and the outstanding level of security |
|----------------------|---|

Declarations of conformity*

| | |
|-------------|----|
| Europe/EFTA | CE |
|-------------|----|

| | |
|---------------|--------|
| North America | FCC/IC |
|---------------|--------|

| | |
|-------------------------|------|
| Australia / New Zealand | ACMA |
|-------------------------|------|

| | |
|----------|---|
| *) Note | The full text of the specific Declaration of Conformity is available at the following Internet address: www.lancom-systems.com/doc |
|----------|---|

Supported IEEE standards

| | |
|--------------|--------------------------------------|
| IEEE 802.1AB | Link Layer Discovery Protocol (LLDP) |
|--------------|--------------------------------------|

| | |
|--------------|----------|
| IEEE 802.1AB | LLDP-MED |
|--------------|----------|

| | |
|--------------|----------------|
| IEEE 802.1ad | Q-in-Q tagging |
|--------------|----------------|

| | |
|--------------|---|
| IEEE 802.1ak | MRP and MVRP - Multiple Registration Protocol and Multiple VLAN Registration Protocol |
|--------------|---|

| | |
|-------------|--------------|
| IEEE 802.1d | MAC Bridging |
|-------------|--------------|

| | |
|-------------|---------------|
| IEEE 802.1d | Spanning Tree |
|-------------|---------------|

| | |
|-------------|------------------|
| IEEE 802.1p | Class of Service |
|-------------|------------------|

| | |
|-------------|------|
| IEEE 802.1q | VLAN |
|-------------|------|

| | |
|-------------|--|
| IEEE 802.1s | Multiple Spanning Tree Protocol (MSTP) |
|-------------|--|

| | |
|-------------|-------------------------------------|
| IEEE 802.1w | Rapid Spanning Tree Protocol (RSTP) |
|-------------|-------------------------------------|

| | |
|-------------|-----------------------------------|
| IEEE 802.1X | Port Based Network Access Control |
|-------------|-----------------------------------|

| | |
|------------|-------------------|
| IEEE 802.3 | 10Base-T Ethernet |
|------------|-------------------|

| | |
|--------------|----------------------|
| IEEE 802.3ab | 1000Base-TX Ethernet |
|--------------|----------------------|

| | |
|-----------------------------|--|
| IEEE 802.1ax, incl. 802.3ad | Link Aggregation Control Protocol (LACP) |
|-----------------------------|--|

| | |
|--------------|--------------------------------|
| IEEE 802.3ae | 10 Gigabit Ethernet over fiber |
|--------------|--------------------------------|

| | |
|--------------|---------------------------|
| IEEE 802.3af | Power over Ethernet (PoE) |
|--------------|---------------------------|

| | |
|--------------|---------------------------------|
| IEEE 802.3at | Power over Ethernet Plus (PoE+) |
|--------------|---------------------------------|



LANCOM GS-4530XUP

Supported IEEE standards

| | |
|-------------------|--|
| IEEE 802.3bt | Power over Ethernet++(PoE++) Type 4 |
| IEEE 802.3az | Energy Efficient Ethernet |
| IEEE 802.3bz | 2.5GBASE-T Ethernet |
| IEEE 802.3u | 100Base-T Ethernet |
| IEEE 802.3x | Flow Control |
| IEEE 802.3z | 1000Base-X Ethernet |
| IEEE 802.3ac | VLAN tagging |
| IEEE 802.3bj-CL91 | Forward Error Correction (FEC) |
| IEEE 802.1ak | Multiple Registration Protocol (MRP) |
| IEEE 802.1Qat | Multiple Stream Reservation Protocol (MSRP) |
| IEEE 802.1Qav | Forwarding and Queuing Enhancements for Time-Sensitive Streams |
| IEEE 802.1Qbb | Priority-based Flow control |
| IEEE 802.1v | Protocol-based VLANs |

Supported RFC standards

| | |
|----------|---|
| RFC 854 | Telnet Protocol Specification |
| RFC 1213 | MIB II |
| RFC 1215 | SNMP Generic Traps |
| RFC 1493 | Bridge MIB |
| RFC 1534 | Interoperation between DHCP and BootP |
| RFC 1769 | Simple Network Time Protocol (SNTP) |
| RFC 2021 | Remote Network Monitoring MIB v2 (RMONv2) |
| RFC 2233 | Interface MIB |
| RFC 2453 | Routing Information Protocol - RIPv2 |
| RFC 2460 | Internet Protocol Version 6 (IPv6) |
| RFC 2613 | SMON MIB |



LANCOM GS-4530XUP

Supported RFC standards

| | |
|----------|---|
| RFC 2617 | HTTP Authentication |
| RFC 2618 | RADIUS Authentication Client MIB |
| RFC 2665 | Ethernet-Like MIB |
| RFC 2674 | IEEE 802.1p and IEEE 802.1q Bridge MIB |
| RFC 2737 | Entity MIB v2 |
| RFC 2818 | Hypertext Transfer Protocol Secure (HTTPS) |
| RFC 2819 | Remote Network Monitoring MIB (RMON) |
| RFC 2863 | Interface Group MIB using SMIv2 |
| RFC 2933 | IGMP MIB |
| RFC 3019 | MLDv1 MIB |
| RFC 3273 | RMON Groups 1,2,3 and 9 |
| RFC 3414 | User based Security Model for SNMPv3 |
| RFC 3415 | View based Access Control Model for SNMP |
| RFC 3587 | IPv6 Global Unicast Address Format |
| RFC 3621 | Power Ethernet MIB |
| RFC 3635 | Ethernet-Like MIB |
| RFC 3636 | IEEE 802.3 MAU MIB |
| RFC 3973 | Protocol Independent Multicast -Dense mode (PIM-DM) (supports both IPv4 and IPv6) |
| RFC 4133 | Entity MIBv3 |
| RFC 4188 | Bridge MIB |
| RFC 4251 | The Secure Shell Protocol Architecture (SSH) |
| RFC 4291 | IP Version 6 Addressing Architecture |
| RFC 4443 | Internet Control Message Protocol (ICMPv6) |
| RFC 4541 | IGMP Snooping and MLD Snooping |
| RFC 4541 | IGMP- and MLD-Snooping |



LANCOM GS-4530XUP

Supported RFC standards

| | |
|----------|--|
| RFC 4601 | Protocol Independent Multicast -Sparse mode (PIM-SM) (supports both IPv4 and IPv6) |
| RFC 4668 | RADIUS Authentication Client MIB |
| RFC 4670 | RADIUS Accounting MIB |
| RFC 5171 | Unidirectional Link Detection Protocol (UDLD) |
| RFC 5519 | Multicast Group Membership Discovery MIB |

Scope of delivery

| | |
|------------------------------|--|
| Manual | Hardware Quick Reference (DE/EN), Installation Guide (DE/EN) |
| Cable | Serial configuration cable, 1.5m |
| Cable | Micro-USB configuration cable, 1.0m |
| Cable | IEC power cord |
| Power supply (hot-swappable) | → power supply 1: SPSU-920 (included): 920W → power supply 2: SPSU-920 (optional): 920W for power supply redundancy or maximizing the PoE budget (boost mode) |
| 19" brackets | Two 19" brackets for rackmounting |
| 19" rack rails | LANCOM Switch rack mount rails |

Support

| | |
|---------------------------------|--|
| Warranty extension | LANCOM Limited Lifetime Warranty – replacement service up to the End of Life status of the device (maximum 10 years). For details, please refer to the service and support conditions at: www.lancom.de/www.lancom-systems.com/support-conditions and in the LLW info paper at www.lancom-systems.com/infopaper-llw |
| Security Updates | Up to the End of Life of the device (see www.lancom-systems.com/product-tables) |
| Software Updates | Regular free updates including new features as part of the LANCOM Lifecycle Management (www.lancom-systems.com/lifecycle) |
| Manufacturer support | For LANcommunity partners up to the End of Life of the device. For end customers with LANcare Direct or LANcare Premium Support during the LANcare validity |
| LANcare Direct 24/7 Advanced XL | Direct, prioritized 10/5 manufacturer support incl. 24/7 emergency hotline and security updates for the device, NBD advance replacement with delivery of the device on the next business day (24/7/NBD), guaranteed first response times (SLA) of max. 30 minutes for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10785, 10786 or 10787) |



LANCOM GS-4530XUP

Support

| | |
|---------------------------------|--|
| LANcare Direct 24/7 XL | Direct, prioritized 10/5 manufacturer support incl. 24/7 emergency hotline and security updates for the device, guaranteed first response times (SLA) of max. 30 minutes for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10761, 10762 or 10763) |
| LANcare Direct Advanced 10/5 XL | Direct, prioritized 10/5 manufacturer support and security updates for the device, NBD advance replacement with delivery of the device on the next business day (10/5/NBD), guaranteed first response times (SLA) of max. 2 hours for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10773, 10774 or 10775) |
| LANcare Direct 10/5 XL | Direct, prioritized 10/5 manufacturer support and security updates for the device, guaranteed first response times (SLA) of max. 2 hours for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10749, 10750 oder 10751) |
| LANcare NBD Replacement XL | Addition of the Limited Lifetime Warranty with NBD advance replacement with delivery of the device on the next business day in case of hardware defect, item no. 61323 |

LANCOM Management Cloud

| | |
|-----------------------------|--|
| LANCOM LMC-C-1Y LMC License | LANCOM LMC-C-1Y License (1 Year), enables the management of one category C device for one year via the LANCOM Management Cloud, item no. 50106 |
| LANCOM LMC-C-3Y LMC License | LANCOM LMC-C-3Y License (3 Years), enables the management of one category C device for three years via the LANCOM Management Cloud, item no. 50107 |
| LANCOM LMC-C-5Y LMC License | LANCOM LMC-C-5Y License (5 Years), enables the management of one category C device for five years via the LANCOM Management Cloud, item no. 50108 |

Accessories*

| | |
|--|--|
| 1000Base-SX SFP transceiver module | LANCOM SFP-SX-LC1, item no. 61556 |
| 1000Base-SX SFP transceiver module | LANCOM SFP-SX2-LC1, item no. 60183 |
| 1000Base-LX SFP transceiver module | LANCOM SFP-LX-LC1, item no. 61557 |
| 1000Base-LX SFP BiDi transceiver module | LANCOM SFP-BiDi1550-SC1, item no. 60201 |
| 10GBase-SX SFP transceiver module | LANCOM SFP-SX-LC10, item no. 61485 |
| 10GBase-LX SFP transceiver module | LANCOM SFP-LX-LC10, item no. 61497 |
| 10GBase-LX SFP transceiver module | LANCOM SFP-LR40-LC10, item no. 60182 |
| 10GBase-LX SFP BiDi transceiver module | LANCOM SFP-BiDi1310-LC10, item no. 60202 |
| 10G multi gigabit Ethernet copper module | LANCOM SFP-CO10-MG, Art.-Nr.: 60170, max. 2 modules to be used simultaneously due to increased power consumption and associated heat |



LANCOM GS-4530XUP

Accessories*

| | |
|---|---|
| 40GBase-SX SFP transceiver transceiver module | LANCOM SFP-SR-MPO40, Art.-Nr.: 60173 |
| 40GBase-LX SFP transceiver module | LANCOM SFP-LR-LC40, Art.-Nr.: 60174 |
| 10G Direct Attach Cable 1m | LANCOM SFP-DAC10-1m, Art.-Nr.: 61495 |
| 10G Direct Attach Cable 3m | LANCOM SFP-DAC10-3m, Art.-Nr.: 60175 |
| 40G Direct Attach Cable 1m | LANCOM SFP-DAC40-1m, Art.-Nr.: 60176 |
| 40G Direct Attach Cable 3m | LANCOM SFP-DAC40-3m, Art.-Nr.: 60177 |
| Power supply (swappable) | LANCOM SPSU-920, item no. 61498 |
| LANCOM Power Cord (UK) | IEC power cord, UK plug, item no. 61650 |
| LANCOM Power Cord (CH) | IEC power cord, CH plug, item no. 61652 |
| LANCOM Power Cord (US) | IEC power cord, US plug, item no. 61651 |
| LANCOM Power Cord (AU) | IEC power cord, AU plug, item no. 61653 |
| *) Note | Support for third-party accessories (SFP and DAC) is excluded and cannot be granted |

Item number(s)

| | |
|-------------------|-------|
| LANCOM GS-4530XUP | 61883 |
|-------------------|-------|



LANCOM GS-4530XUP



LANCOM Systems GmbH
A Rohde & Schwarz Company
Adenauerstr. 20/B2
52146 Wuersele | Germany
info@lancom.de | www.lancom-systems.com

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. 03/25