LANCOM IGS-3510XUP: New multi-Gigabit access switch with PoE++ and optional cloud management

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The LANCOM IGS-3510XUP is the latest addition to the range of switches from German network-infrastructure and security supplier LANCOM Systems. The PoE++-capable industrial multi-Gigabit access switch provides secure and highly available networking for tough industrial environments. Thanks to its hardened aluminum housing and integrated top-hat rail mount, the LANCOM IGS-3510XUP can be used in harsh environments such as manufacturing plants, logistics centers, and in critical infrastructure such as wind turbines or photovoltaic systems at temperatures from ?40 to +60 °C. It can be managed in the traditional way, or by means of the highly automated configuration and administration from the LANCOM Management Cloud.

Basis for high-performance industrial networks

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Aachen, 22 May, 2024—The R&S®LANCOM IGS-3510XUP is the latest addition to the range of switches from German network-infrastructure and security supplier Rohde & Schwarz Networks and Cybersecurity. The PoE++-capable industrial multi-Gigabit access switch provides secure and highly available networking for tough industrial environments. Thanks to its hardened aluminum housing and integrated top-hat rail mount, the R&S®LANCOM IGS-3510XUP can be used in harsh environments such as manufacturing plants, logistics centers, and in critical infrastructure such as wind turbines or photovoltaic systems at temperatures from ?40 to +60 °C. It can be managed in the traditional way, or by means of the highly automated configuration and administration from the R&S®LANCOM Management Cloud.

The **R&S®LANCOM IGS-3510XUP** is the high-powered basis for operating network components that need to meet the highest performance requirements. Modern Wi-Fi 6E or Wi-Fi 7 access points offer high data-throughput rates, which place higher demands on the LAN side. Equipped with four 2.5G and four 1G Ethernet ports along with two SFP+ uplink ports that support transmission rates of up to 10 Gbps, the **R&S®LANCOM IGS-3510XUP** connects up to ten network devices. Up to eight end devices can be connected via the PoE ports as per IEEE 802.3af/at (1G ports) and IEEE 802.3bt Type 4 (2.5G ports), offering a PoE budget of up to 360 watts without an additional power supply. With a data throughput of 68 Gbps on the backplane, the R&S®LANCOM IGS-3510XUP has plenty in reserve even under load.

Configurable access control and security

The **R&S®LANCOM IGS-3510XUP** offers numerous security and management features: Access control on all ports according to IEEE 802.1X (port, single, multi, and MAC-based), via ACLs (Access Control Lists), and VLAN tagging according to IEEE 802.1q ensure that no external clients gain unauthorized access to the network.

Secure communication protocols such as SSH, SSL, and SNMPv3 enable professional remote management. The switch also supports TACACS+ for authentication, authorization, and accounting. Dual-stack implementation allow the switch to operate in pure IPv4, pure IPv6, or mixed networks.

Static routing & DHCP server

In addition to the classical distribution functions of a switch, the R&S®LANCOM IGS-3510XUP can handle layer-3 tasks to offer, for example, a DHCP server or to define fixed network routes across one or more network segments. This relieves the load on the router or firewall, increases the speed of data exchange, and frees up additional capacity for external data traffic.

Time-saving cloud management

The **R&S®LANCOM IGS-3510XUP** can be managed using the web GUI, from the command line, or in the R&S®LANCOM Management Cloud (R&S®LMC). In combination with the LMC, network administrators benefit from highly efficient cloud management by software-defined networking (SDN). All the necessary network configurations including VLANs are automatically assigned and coordinated across locations. With a click of the mouse, the rollout and updates are executed at the same time. Monitoring and troubleshooting are also highly automated.

Availability and prices

The **R&S®LANCOM IGS-3510XUP** is available now at a price of EUR 1,999 (RRP excl. VAT). The standard warranty lasts five years and covers all components. Further, the LANCOM Software Lifecycle Management also guarantees free security and feature updates.

Accessories

The optional, similarly hardened top-hat rail power supply R&S®LANCOM DPSU-480/55 is available for EUR 259. The 10G SFP-SX module R&S®LANCOM SFP-SX-LC10 costs EUR 259, the 10G-LX version costs EUR 319. A 1G R&S®LANCOM SFP-SX-LC1 module is available for EUR 124, the LX variant R&S®LANCOM SFP-LX-LC1 (1G) costs EUR 159. A R&S®LANCOM SFP-DAC10 1m cable costs EUR 119. (All prices RRP excl. VAT).

Further information is available from the LANCOM website: https://www.lancom-systems.com/products/switches/fully-managed-access-switches/lancom-igs-3510xup

Product images are available for download here:

i13.mnm.is/anhang.aspx