

LANCOM OAP-322 for professional outdoor wireless LAN

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New dual-radio outdoor access point

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Aachen, June 17, 2013 - LANCOM Systems, the leading German manufacturer of professional solutions for VPN network connectivity and wireless LAN infrastructure, presents the LANCOM OAP-322, the latest addition to its range of outdoor access points.

The LANCOM OAP-322 is ideally suited for professional WLAN applications in the outdoors, such as for establishing modern outdoor hotspots with professional coverage for open spaces, or for WLAN connectivity to a company network via point-to-point links.

This access point has a highly robust IP66 protective housing and operates even in extreme temperatures ranging from -30°C to +70°C. In compliance with the IEEE 802.11ag WLAN standard, the two radio modules operate with four antennas in the 2.4-GHz or 5-GHz frequency bands. The device can be powered as per the PoE standard (IEEE 802.af) or alternatively via an optionally available universal power adapter (10–28 volts), the LANCOM OAP-320 PSU.

The LANCOM OAP-322 features band steering with which WLAN clients are actively



redirected away from the often overcrowded 2.4-GHz band to the higher-performance 5-GHz frequency band. Automatically controlled by the access point, clients are redirected to the 5-GHz frequency band to effectively double WLAN performance because of the number of channels available for bundling here.

Like all LANCOM access points, the new LANCOM OAP-322 optionally operates in stand-alone mode or in combination with a LANCOM WLAN controller. The device supports network virtualization with Multi-SSID and VLAN.

Wireless transmissions by the LANCOM OAP-322 are protected from attacks—without loss of performance—thanks to the extensive security features including IEEE 802.11i with WPA2 and AES encryption and IEEE 802.1X/EAP (WPA2 Enterprise) for environments with higher security requirements.

The LANCOM OAP-322 is available now.

Further information is available from the LANCOM web site www.lancom.eu.

LANCOM Systems background:

LANCOM Systems GmbH is the leading German manufacturer of reliable, innovative network solutions for business customers. LANCOM's two business units, VPN Network Connectivity and Wireless LAN, offer professional users secure, flexible infrastructure solutions for local-area and multi-site networks. The entire core product range is developed and manufactured in Germany. Since May, 2013, LANCOM also provides VPN solutions certified by the German Federal Office for Information Security (BSI) for the protection of particularly sensitive networks and critical infrastructures (EPCIP) against cyber-attack. LANCOM Systems headquarters is in Würselen near Aachen, Germany, and other offices are located throughout Europe. Customers include small and medium-sized enterprises, government agencies, institutions, and major corporations from Germany, Europe and



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