

LANCOM AirLancer Extender O-360-4G for UMTS/3G and LTE/4G

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External MIMO multiband antenna opens up new applications for 3G and 4G routers

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Aachen, November 06, 2012 - Networking specialists LANCOM Systems supplement their range of professional 3G/4G routers with the new specialized antenna AirLancer Extender O-360-4G. Designed for outdoor installation, this antenna supports all of the relevant GSM/EDGE, UMTS/HSDPA+ and LTE frequencies in the band from 800 to 2700 MHz. By way of example, this antenna enables the LTE/4G router LANCOM 1781-4G to operate even in spaces with weak signal reception.

The almost universal availability of HSPA and the introduction of the high-speed LTE standard increasingly enable 3G and 4G routers to be used for Internet backup, or even as primary Internet access solutions in professional environments. The problem is common enough: Signal reception inside buildings is simply too weak. A typical example of this is encountered when networking branch offices, which can benefit enormously from 3G or 4G networking.

MIMO technology brings higher data rates and a better transmission quality in combination with LTE/4G. Particularly in built-up areas where the line of sight to the provider's base station is very likely to be obstructed, reflections are ideal for transmitting signals to and from the MIMO antenna.



With the AirLancer Extender O-360-4G, LANCOM now offers a MIMO antenna as an accessory for their entire range of 3G/4G routers and suitable for installation on masts or walls. For indoor use, a stand can be used to mount the antenna on window sills or electrical cabinets without having to drill any holes. Two antenna cables transfer the signals to the router. Also advantageous for installation: The O-360-4G is an omni-directional antenna that does not have to be aimed specifically at any particular 3G/4G base station to achieve good reception.

The AirLancer Extender O-360-4G is available now. It is supplied with a mounting kit and 5 meter cable.

LANCOM Systems background:

LANCOM Systems is the leading German manufacturer of reliable, innovative network solutions for the commercial and public sectors. The focus is on solutions for high-security site connectivity (VPN) for branch offices, enterprises and public authorities, and also on the wireless networking (WLAN) of public and corporate applications. LANCOM Systems GmbH is headquartered in Würselen near Aachen, Germany and has sales offices in Munich, Barcelona and Amsterdam.

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