



Press Release

Poynting Group announces new Industrial WiFi Antenna Range

Poynting announces the release of their new Industrial Wi-Fi and WiMax antenna range.

These dual frequency antenna products were specifically designed for use in systems that require higher reliability in Wi-Fi transmission during crucial situations. For instance; industrial factory automation, warehouses, school & university campuses or any other cluttered RF environments. They can be used with the latest dual band Wi-Fi modems as well as legacy Wi-Fi equipment.

The range consist of three products that all cover the 2.4 and 5 GHz Wi-Fi frequency bands. The first two products (Product codes: WLAN-60 and WLAN-61) are directional antennas, with gains of 13-18 dBi and 9-11 dBi respectively. Both of these directional antennas are housed in enclosures with space to integrate your electronics if required. The WLAN-61 is a directional 4x4 MiMo antenna with four SMA connectors.

The 4x4 MiMo product provides 4 differently polarised antennas in one enclosure. This means that the antenna can be used in a 2x2, 3x3 and 4x4 antenna configuration. This antenna is designed for installations where 4x4 (four independent streams), multiplexing time-space technologies, are required. This antenna is ideal to use with the latest technology dual band 802.11ac MiMo W-Fi modems.

An omni-directional SiSo antenna (Product code: OMNI-296) completes the range, with an impressive gain of between 6 and 7.5 dBi over the frequency range.

Additional to the WiFi bands, the WLAN-60 and OMNI-296 antennas also cover the 3.5 GHz WiMAX band.

Please have a look here for more details on these products.

These antennas are ideal to use with systems for:

- Industrial factory automation and M2M applications where machines and measurement devices need to be connected for real time monitoring and information transfer (Telematics).



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- Factories with cluttered RF environment, such as large machines and equipment.
- Warehouses where legacy Wi-Fi equipment is still in use.
- Small business enterprises where Wi-Fi equipment is deployed.
- Point-to-point (PtP) or point-to-multipoint (PtMP) installations where the latest technology dual band radio equipment is used.
- Utilities for power and water metering.
- Security industry where cameras and other security equipment needs to be monitored with high reliability.
- Education such as schools, universities and colleges.
- Retail point of sale equipment.
- Any other Wi-Fi application, whether single band or dual band.

Samples are available for qualified requirements through the Poynting Group at sales-europe@poynting.tech within Europe, and sales@poynting.co.za for South Africa and the rest of the world.

To learn more about Poynting, by visiting their Website at www.poynting.tech or contact them at info@poynting.co.za.

You can also follow Poynting on LinkedIn, Facebook and Twitter.

Issued on behalf of [Poynting Group by Outlook Africa](#).

Poynting Group:

Poynting innovates, designs and manufactures integrated antennas solutions primarily for wireless high speed data applications such as 4G LTE residential as well as B2B, antenna solutions for GSM, M2M, DTV (digital TV) and other CPE applications within the telecommunication, broadcast and consumer market. Based in Samrand South Africa, Poynting is the proud holder of more than 50 patents widely used in its unique antenna solutions for enhanced wireless communications for LTE, 3G, Wi-Fi, RF and other applications.

Poynting was founded on the deep knowledge and understanding of the principles of electromagnetics, RF propagation, antenna design and development. Poynting employees include graduate as well as professionally registered engineers with doctorate level expert knowledge of the technology and the industry.

Poynting has legacy of innovative design and delivery with customers and partners worldwide.

The approach has resulted in extensive Intellectual Property (IP) with over 50 patents and registered trademarks.

www.poynting.tech

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