

*Carrier-grade Wireless Ethernet Bridge*

## **Allgon Microwave presents license free 60 GHz point-to-point data link**

*Allgon Microwave now extends its product portfolio with the Transcend EB (Ethernet Bridge), designed to work as a point-to-point data link in the 60 GHz unlicensed band. The system has been approved for operation by the FCC and Industry Canada authorities and is intended for smaller networks with high demands for security, supporting a variety of short range applications up to 800 m (2600 ft).*

*“ The Transcend EB 60GHz data link will enable Allgon Microwave to expand its global customer base, and further strengthen our position in the Broadband Wireless Access Market” says Anthony Orlando, VP Sales, Marketing & Operations, Americas.*

### **Easy installation for immediate operation**

The concept of the Transcend EB allows to the end user to install it as easy as any other network component. The single cable solution reduces the complexity of the installation. The radio unit is connected to the network and supplied with power through a single outdoor rated Cat5e Ethernet cable. The visual alignment tool allows the user to easily install the link. Immediate operation without the need of additional configuration is granted.

### **High security level**

The proprietary radio interface does not allow any other system to access the 60 GHz transmitted data. The signal absorption by oxygen and the narrow beam width of the high gain planar antenna allows high spatial reuse and a high security level.

### **Network performance guaranteed**



Full duplex 100 Mbps throughput is guaranteed along the complete range. Unlike typical WLAN equipment the user can transmit a full 100 Mbps over the link. To monitor the status and the traffic the user can access the link statistics either via the HTML user interface or by integrating it into a network management tool via SNMP.

*Transcend EB intended for smaller networks with high demands for security.*

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**About Allgon Microwave and Advantech AMT Group**

**Advantech AMT** is a world-class designer and manufacturer of leading-edge communication products for Satellite Ground Stations and Terrestrial Wireless Communications. The equipment is used by both commercial and government customers to implement multimedia broadcast and telecommunication network systems.

**Allgon Microwave** is part of the Terrestrial business unit. With offices in Canada, Europe and the USA, Advantech AMT provides global product support expertise. The main products designed and manufactured by the company are Solid State Power Amplifiers (SSPA); Block-Up Converters (BUCs); frequency converters; modulators, demodulators and modems; broadband data networking systems; antenna tracking control systems; satellite terminals; point-to-point microwave links and other related sub-systems. Advantech is an ISO-9001:2000 certified organization.

Allgon Microwave is an international company specializing in high quality point-to-point microwave radios and services, with two offices, one situated in Gothenburg (Sweden) and the second in Montreal (Canada). Allgon Microwave focuses on lowest cost of ownership and is a pioneer when it comes to Ethernet availability and throughput over the air. We pride ourselves as the only supplier of a 512 QAM radio. Allgon Microwave also offers SDH/SONET, PDH and Ethernet microwaves radios for both ETSI and ANSI standards. For our customers, this means seamless wireless IP and voice transmission solutions with unique features, extremely flexible capacity, intuitive web based management and low network implementation costs.

To find out more about Allgon Microwave, please visit our website at [www.allgonmicrowave.com](http://www.allgonmicrowave.com).

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