



Advantech Wireless welcomes you to 2011

We would like to extend our best wishes to our customers, colleagues, friends and families for a healthy, happy and prosperous new year! May all your initiatives in both private and business life exceed your expectations.

Advantech Wireless ENTERPRISE mobile antenna fully MENOS-compliant

The design of DSNG and fly/drive-away satellite systems has undergone major changes since the first huge antenna trailers from the eighties. We now see very compact mobile transmission systems which can even be hand-carried. Among a few manufacturers specialized in the design of these compact mobile antennae, Advantech Wireless has always been a forerunner in coming up with sturdy and reliable versions at a very reasonable cost, thus becoming a reference in this Digital Satellite Newsgathering world.

Among Broadcast Exchange Networks, such as EBU, ENEX, Reuters, ABU and many others, the Arab States Broadcasting Union (ASBU) network has become one of the most advanced reference networks. The technical requirements and standards set by the ASBU-group in their MENOS network are indeed one of the most complex. This is due to the variety of members, each having their own specific needs, different types of content and their varying types of applications (live events, file exchange, comms, content exchange, etc).

One of the most important requirements within the MENOS network is the ability to transmit live events from a vehicle or fly-away at any time and from anywhere (including sizzling and freezing desert temperatures and grinding sandstorms).

Advantech Wireless' mobile ENTERPRISE antenna type VM120 is a compact mobile antenna for installation on nearly any vehicle and can accommodate most frequency bands and uplink powers. What is even more important is its reliability proven over several years and its ease of use: the unit is auto-pointing and auto tracking with a very fast response.

The IPOINT control rackmount unit offers an accurate monitoring and control during the entire transmission.

Finally, the materials used are of the highest grade to comply to Military and other rough-condition environments, making it fully MENOS-compliant.

More info on power, frequency bands, and options available can be obtained on simple demand.

www.advantechwireless.com

Advantech on Speaker's Corner at CabSat Dubai

During the CabSat exhibition, taking place February 8th until 12th in Dubai, Advantech Wireless will present 2 topics during conference sessions.

The first presentation will be on the 9th and will detail the advantages and importance of DVB-S2 used in VSAT networks, illustrated with a case study.

On the 10th, a more technical conference will be given about the main advantages of DVB-S2 compared to DVB-S in general with some examples of its applications and related products.

We suggest you make sure you book your seat on time.

The exact time and location will be announced during the CabSat show. An early booking is also possible via Advantech by email (info.uk@advantechwireless.com)

Advantech Wireless supplies new DVB-RCS Hub to DISA

Advantech Wireless has been contracted through Marshall Communications Corporation for the design, supply and installation of an additional DVB-RCS Hub to DISA. In response to increased requirements from USCENCOM, the HUB will support UAV video backhaul and dissemination from in-theater operations. This hub is similar to the previously delivered DVB-RCS hubs and will incorporate new features such as DVB-S2 technology which will allow increased bandwidth efficiency. See

<http://www.prweb.com/releases/2010/11/prweb4821984.htm>

or <http://www.advantechwireless.com/news-releases.html>

for more details

Advantech Wireless DVB-RCS Hub to service Latin America

Another succes for Advantech Wireless' DVB-RCS solution: We successfully completed delivery of a DVB-RCS MiniHub™ for NewCom International of Miami, a leader in the global transport of communications via satellite.

To meet NewCom's demand for broadband services in Latin America (LATAM), they selected Advantech Wireless' DVB-RCS MiniHub™ for its optimized performance and scalability.

The order also includes Training, Maintenance and Support Services. The hub is installed at NewCom's teleport facilities in Miami, Florida. More info on:

<http://www.advantechwireless.com/news-releases.html> or

<http://www.prweb.com/releases/2010/11/prweb4785974.htm>

New High Power Ka-Band SSPB on launch platform

The fact that Advantech Wireless is the world's main supplier for SSPA's and SSPB's is a common knowledge. And, as usual, Advantech Wireless maintains its leading position by being the furrunner on new designs.

So, here is one more: The SSPB-3010Ka is an outdoor SSPB which outputs either 40 Watt (45 dBm) or 80 Watt (48 dBm). As it includes a phase-locked frequency converter, inputs of either 950-1950 MHz or 1000-2000 MHz can be used while the output flange covers the Ka-band range of 30-31 GHz. (Other freq. bands can be supplied on demand)

As the unit is MIL-STD-188-164A -compliant, its design meets very stringent specs, such as high linearity, weatherproof packaging, protection against thermal runaways and out of lock-situations, detachable power supply, etc.

Added to that, we offer a few options to make sure specific needs are fulfilled. These include an Ethernet interface for M&C, Internal very high stability reference with auto-sensing, Extra low phase noise, Extended operating temperature range and Redundancy systems. Obviously, the unit can also be locked to an external reference frequency of 10 MHz.

On the mechanical side, the maximum measures are 18.5" (L) x 9.80" (W) x 7.7" (H) for the 40-Watt version, while its 80-Watt big brother has 18.55" (L) x 13.00" (W) x 7.7 H). The cooling is efficiently assured by 2 or 4 independent fans for increased reliability.

And for those who don't need the integrated frequency upconverter, the unit is also available as an SSPA only.

The unit will be commercially available as from May, while data sheets can already be obtained from our website or on demand.

Advantech Wireless features line of GaN devices at Satellite 2011 Show in Washington

Advantech Wireless' line of GaN-based products exhibit increased power efficiency, reduced power dissipation, more linear amplitude response, increased MTBF and are available to support Ku- and X-bands.

As pioneers, we brought to market innovative and more efficient SSPA technologies based on a line of GaN (Gallium Nitride) products.

"Being first to market, quickly propelled us to a leadership position." stated David Gelerman, CEO Advantech Wireless.

We refer to our previous Newsletter edition Fall 2010 for more details on GaN technology, or to the data sheets on our website.

Come see our complete product line at the Satellite 2011 tradeshow, Booth 301. Register for your free pass using the VIP Code: ADV7 at www.SATELLITE2011.com.

Satellite Networks Product Support Goes Global

MONTREAL, CANADA, JAN 15, 2011 -

Motivated by our continuous desire to maintain and improve products and services and to better serve our customers internationally, Advantech Wireless has expanded its support network.

Additional facilities in the USA, Canada and EMEA have been established to provide increased levels of engineering and support and a quicker response to all Satellite Networks Product inquiries.

Satellite Networks products include DVB-RCS Hubs and terminals. Advantech Wireless, an ISO 9001: 2008 certified corporation, is shaping the world with leading-edge wireless broadband communications. Since 1988, Advantech Wireless manufactures and deploys networking solutions for broadband connectivity, broadcast solutions and backhaul requirements using satellite and terrestrial wireless communications. In addition to Satellite Networks, our products include: Terrestrial Microwave Radios, Antenna Controllers, SSPA's, Block-up Converters, Frequency Converters and Satellite Modems.

"Satellite Networks remains a viable and exciting product line. We expect to win significant opportunities in 2011 and this expansion will allow us to better serve our new and existing customers." said David Gelerman, CEO of Advantech Wireless.

See us at upcoming trade shows:

Satellite 2011

March 15 - 17, 2011

Walter E. Washington Conv. Center in Washington, DC Booth 301

<http://www.satellitetoday.com/satellite2011/>

The NAB show is in Las Vegas

April 11 - 14, 2011

Las Vegas Convention Center, Las Vegas, Nevada USA Booth SU8911

<http://www.nabshow.com>

Company moves

Advantech Wireless welcomes John Howarth to our Sales & Support team. John's extensive experience with pre and post sales and engineering support will help us provide even better service to our customers. John is based in our UK office and can be contacted at

Support.Europe@Advantechwireless.com

Advantech Wireless also welcomes Terry Fagen as Director, Product Marketing, based in our corporate offices in Montreal, Canada. Terry's 25 years of experience will help lead our new branding and marketing initiatives across all product lines. Mr. Fagen can be contacted at terry.fagen@advantechwireless.com.

More information and data sheets on all new products can be found on our website www.advantechwireless.com

Sales Contacts: HeadQuarters: info@advantechwireless.com

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