

Advent Communications Shows Its Range Of Satellite Uplinks

IBC 2007, Previews & Products, Satellite

Tue, 4th, Sep 2007

Stand No. 1.161

Advent Communications will display its portable and mobile satellite uplinks at IBC this year - with some interesting additions in the detail of the 5000 range electronics new IP modem has arrived - ADM5000 L Band Modem - a compact L-Band IESS and DVB modem in 1U, half rack form factor.

The modem is compliant with IESS 308, 309, 310, 314 and 315 standards as well as DVB EN301210 and EN300421. There is an optional compliance to MIL18165A.

Also on display is the latest version of the SD/HD-capable DVE5000 (Digital Video Exciter) L-Band, MPEG encoder. Uniquely, integrated with the encoder is an HPA controller, which supports a wide range of TWTA and SSPA's. The encoder supports QPSK, 16 QAM and 64 QAM as well as DVB-S2. Other devices in the range include and Antenna Control Unit and an Upconverter. The 5000 range electronics are only half-rack in width and 1U in height, which reduces weight as well as rack space.

The DVE5000 now complies with the SUIRG (Satellite Users Interference Reduction Group) SatID requirement which can be used to identify rogue transmissions swiftly in order to prevent satellite channel interference.



The DVE5000 now complies with the SUIRG (Satellite Users Interference Reduction Group) SatID requirement which can be used to identify rogue transmissions swiftly in order to prevent satellite channel interference.

Advent will demonstrate examples from its range of satellite uplinks including the ultra-light 1.0m Mantis flyaway, which at 21kg in its flight cases, will sail through check-in at the airports. The 2.4m Mantis flyaway, which can be carried and deployed by one man and ready to operate in 15 minutes - a 1.8m NewSwift vehicle mounted uplink antenna.

The latest antenna to join the Advent portfolio is the FlyDrive, available in 1.2m and 1.5m, Ku or C-band, which Advent introduced last year. The FlyDrive Antenna is designed to be easily transported overseas by air, as it is packaged to be IATA compliant, and then either mounted on a vehicle or deployed as a flyaway to report news from the most remote locations.

Finally, Advent's EXOS compact and robust video transmission system, produced in rugged, weatherproof packaging, which eliminates the need for 19 inch racking and flight cases. EXOS is built to withstand the harsh transport and operating environments of portable satellite terminals and is ideal to carry with the smaller flyaways.

© Copyright 2009 by broadcastbuyer - The Broadcast Industry News Site