

IBC
Hall 10
Stand 10.A28

DVB-T2 Monitoring Among New Products to be Shown by dB Broadcast at IBC

3rd July 2014

Cambridgeshire, UK - dB Broadcast is showing its latest innovative products and solutions at IBC2014, including the latest in the Hawkeye monitoring receiver range. Designed for DVB-T2 monitoring, the IQDBT105 is capable of continuous off-air demodulation and monitoring of both DVB-T2 and DVB-T signals, providing a future-proof solution for those looking ahead to the possibility of DVB-T2 networks. The IQDBT105 is designed in a modular package and eight modules can be fitted in a 3RU rack space.

dB is also launching the Hawkeye IQASI25 low cost ASI switched distribution amplifier module for continuously monitoring two MPEG-2 DVB ASI Transport streams (TS) and automatically switching to the five outputs. The two inputs are typically main and reserve. The module monitors various critical levels within the transport stream and the user defines which of these will effect switching and the alarms. These include the monitoring of catastrophic failures such as loss of carrier, no TS, loss of synchronisation and PAT loss. 16 modules can be fitted in a 3RU frame.

Both of these new Hawkeye products have the added advantage of integration with Snell IQ Modular frames and the RollCall Monitoring and Control system.

dB Broadcast is also launching an upgraded version of their industry leading intelligent mains distribution unit. The latest Cardinal iMDU is now capable of handling inrush currents of up to 200A at switch on, and 60A per individually switched output. Both dual input and single input versions of the Cardinal iMDU now benefit from this improved design. It is a great choice for system managers wanting to make sure their installations are ready for the demands made by current and future equipment.

The MERlin monitoring receiver, also designed for the demands of DVB-T2 and deployed throughout the UK transmission network, will be at IBC2014 and its new features will be demonstrated. It occupies only 1RU space and monitors input RF modulation parameters and signal performance metrics including Modulation Error Ratio (MER) and Low Density Parity Check (LDPC) status.



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Press Release

Best known as one of the UK's leading systems integrators, dB also designs and manufactures a range of broadcast technology products for signal acquisition and monitoring, and supplies to customers globally.

"We look forward to meeting up with current and future clients at the show and to discussing how we can help with their broadcasting challenges", says Tom Swan, Sales and Marketing Director.

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Notes to Editors:

High resolution pictures available

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About dB Broadcast

dB Broadcast (dB) is one of the UK's largest and most successful independent systems integrators. dB is expert in broadcast system design and installation from studio through to transmission. With purpose-built headquarters in Cambridgeshire, UK, dB has 22,000 square feet of space for prefabrication and test of customer systems.

dB also designs and manufactures products for the broadcast industry including: Hawkeye for switching and monitoring all types of broadcast signals, MERlin DVB-T2 and DVB-T monitoring receivers, Showman multi-standard analogue TV receiver/demodulator and the Cardinal range of mains distribution units (MDUs).

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