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Staff Reporter @BroadcastProME

PRODUCTS

2wcom to bring SAT, AoIP, FM and cable products to Broadcast Asia

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MM08E eight-channel MPEG encoder.

2wcom Systems, a leading supplier of professional audio broadcast products, will present its extensive portfolio for cable (FM), SAT, AoIP and DAB+ with its encoders, decoders, codecs, modulators and demodulators. The complete end-to-end solutions offer comprehensive redundancy and backup possibilities.

A big focus of the stand will be the FM2TS eight-channel gateway and transcoder. Considered a versatile partner for various fields of applications, this creates and transcodes single transport streams (SPTS) as well as multiple transport streams (MPTS).

Cable network operators can integrate the FM2TS to convert regional FM-radio programs into MPEG-2 transport streams for further processing within their cable head-ends infrastructure. Radio broadcasters can stream up to eight FM channels for quality assurance as part of their FM monitoring solution.

Additional highlights include an SFP connection for optical fiber application (optional), RDS data forwarding and an antenna switching matrix.

The second focus will be on the FlexDSR04+ professional satellite receiver. The long-established IRD SAT receiver is equipped with state-of-the-art technology to handle transport streams via satellite (DVB-S/S2), ASI input and IP, while also managing elementary audio streams and Icecast streams via IP. Processing all common coding algorithms like Eapt-X, AAC, MPEG I/II Layer 2/3 or PCM, the multipurpose device includes a sophisticated concept for audio quality and redundancy options (Pro-MPEG FEC and DualStreaming to avoid IP packet losses). Furthermore, the FlexDSR04+ detects and switches over automatically to the best signal source available.

The MM08E eight-channel MPEG encoder will also be showcased. It offers complete flexibility in dealing with SAT or IP environments. The MM08 encodes all common audio algorithms (Enhanced apt-X, AAC, MPEG I/II Layer 2/3, PCM) as well as RDS data. Additionally, the encoder generates multiple audio over IP streams (RTP/UDP) or a combined DVB Transport Stream (DVB-TS) by up to 4 analogue, up to 8 digital (AES/EBU) or Livewire+/AES67 input (routing protocol, advertisement). Transmission of ancillary data and switching contact information (GPIO) can be forwarded via integrated interfaces.

Activation of additional hardware channels can be managed easily and convenient via software update. Very clever and cost-efficient! Two hot swapping slide-in power supplies are ensuring operation without interruption. The whole package is rounded by offering functions for quality management, controlling and monitoring.

Stand No. 4P4-06

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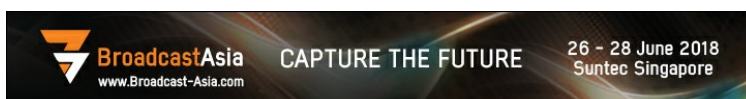


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