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Telairity's Modular BE-IRD-5800 Integrated Receiver/Decoder Debuts at NAB 2015

Next-generation system offers advanced features including 4:2:2 and 1080p60 video decode, audio decode of up to 8 PIDs, 16/32APSK satellite demodulation, and Genlock

LAS VEGAS, Nev. – April 15, 2015 – Telairity, manufacturer of the industry's best-engineered encoders, today announced the introduction of the BE-IRD-5800 integrated receiver and decoder (IRD), an advanced modular system for broadcasters, cable and satellite operators, and telecom services around the world. With appropriate selection of hardware modules and software licenses, the BE-IRD-5800 can support virtually any feature currently of interest to the broadcast industry.

The announcement was made by Harlan McGhan, vice president of marketing and sales, at the 2015 National Association of Broadcasters (NAB) convention and exhibition, held at the Las Vegas Convention Center. Telairity's booth is located in South Hall (upper floor), Booth SU7516.

"As communications companies throughout the developing world continue upgrading their telecommunications systems, equipment capable of increasingly sophisticated functioning is crucial to their operating efficiency and bottom line," said McGhan. "Telairity's experience in developing full-featured, affordable systems for broadcasters provides the backdrop for the

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development of our next-generation modular IRD-5800, integrating the full range of features commonly requested by our customers.”

The base 5800 system provides 4:2:0 and 4:2:2 SD decoding of MPEG-2 and MPEG-4 streams, support for bit rates up to 100Mbps, PCR-recovered clock frame synchronization mode, video overlay support, aspect ratio conversion, decode of 4 audio PIDs in most popular encoding formats (MPEG-1 Layer 2, Dolby Digital, AAC-LC, and AAC-HE/HEv2), 2 75-ohm BNC connectors for SDI output, 1 HDMI output connector, and 1 composite output connector. Among the optional hardware modules are mirrored SD SDI and composite output, DVB-CI descrambling (2 slots), IP input/output, DVB-S/S2 input, 8VSB/QAM-B input, and Broadcom TurboPSK receiver.

“This wealth of standard and optional features makes the BE-IRD-5800 a cost-effective, upgradeable solution for communications companies, especially those caught in transition,” said McGhan.

For example, he noted, an SD broadcaster interested in transitioning to HD can begin with the base SD decoding unit, add MPEG-2/MPEG-4 HD 4:2:0 decoding, then expand to encompass MPEG-2/MPEG-4 HD 4:2:2 10-bit decoding if a need develops for contribution quality sources. Alternatively, customers could begin with 1080p30 HD, later expanding to 1080p60 as they develop a need to monitor or turn-around emerging cinematic, sports, or live-action content.

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About Telairity

Telairity is a supplier of innovative real-time H.264/AVC (MPEG-4) video compression solutions for broadcasting, backhaul, IPTV, and related markets. The company’s unique video processing technology, based on the Telairity T1P2000 multi-core video processor, delivers the industry’s best price/performance for real-time H.264 video encoders today, with unique features like “instant-on” service. The company’s global headquarters is based in Santa Clara, Calif. Further information is available at www.telairity.com.

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