

Marshall Electronics IPTV Division

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Marshall Electronics' New IP Encoder/Decoder Supports All the Popular HD Video Formats with Embedded Audio

The VS-104-3GSDI encodes or decodes all the popular HD resolutions up to 1080p 60fps and 1080/23.98PsF with embedded audio, allowing HD content to be sent and received as a real time IP stream.

El Segundo, CA (April 1, 2014) - Marshall Electronics announces the upcoming release of the highly anticipated VS-104-3GSDI 1080p/59.94 Full HD IP Video Encoder/Decoder with a maximum framerate of 60fps @ 1920 x 1080. The VS-104-3GSDI simplifies the delivery of high definition video and embedded audio via an IP network. This all-in-one solution is a simple and cost effective tool for organizations to distribute HD content to large or small audience alike.

NAB 2014 will mark the launch of 1080/23.98PsF with embedded stereo audio as a format which can be encoded with the VS-104-3GSDI, streamed using H.264, decoded using another VS-104-3GSDI, and then delivered back as 1080/23.98PsF with embedded stereo audio. Studios using 1080/23.98PsF for television production can now conveniently stream in that format.



Marshall Broadcast A/V Division Director of Sales Devan Cress says, "Broadcasters who want to incorporate a live stream into HD programming will like the simplicity of implementing one device that offers encoding and decoding of a 1080p/59.94 signal plus embedded audio. The VS-104-3GSDI provides all the capabilities you might need to transport high quality video and audio content simultaneously."

Marshall's VS-104-3GSDI Encoder/Decoder is a High Definition Video Server that allows real-time transmission of video and embedded audio over standard IP networks and the internet. The VS-104-3GSDI has a configurable inputs and outputs: CVBS, HDMI, SDI, HDSDI, and 3GSDI. Unicast, multicast, push and pull streaming are supported and controlled from a common, easy-to-use browser interface now featuring 4:2:2 Color Space.

Advanced features of the VS-104-3GSDI include POE+ and multiple programming interfaces, and it is compliant with the ONVIF Standard. The Marshall VS-104-3GSDI offers quad streaming of H.264 and /or MJPEG. Embedded audio is supported in 3GSDI, HDSDI, SDI and HDMI. Stereo analog is also provided.

The VS-104-3GSDI delivers audio and HD video in real time, enabling live events to be streamed to viewers in full HD. This encoder has unlimited applications for broadcast, A/V production, corporate videos, training, and much more.

The VS-104-3GSDI is part of an entire family of broadcast-ready 1080p/59.94 IP products developed by Marshall Electronics. The line also includes the VS-547-3GSDI 30x Zoom Box Camera and its partner the VS-577-3GSDI 30x Zoom PTZ Camera, both of which support low sub frame latency from 3GSDI output in various resolutions up to 1080p/59.94.

The VS-104-3GSDI and complementary IP products are being showcased at NAB booth C6019. The VS-104-3GSDI will be released in the second quarter of this year.

About Marshall Electronics

Marshall Electronics Inc. is a privately owned American company with five distinct operating units: Professional Audio, Cable/Connector, Optical Systems, IPTV, and Broadcast A/V Division. Marshall specializes in the development, manufacturing and distribution of high tech electronic products used in a wide range of professional applications. The IPTV Division of Marshall Electronics supplies high quality IP security cameras and servers, distribution, and conversion solutions for broadcasters around the world. Visit www.lcdracks.com for Marshall's full line of IPTV products.

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