

# SMPTE Task Force on 3-D to the Home

Technologies are appearing that permit display of 3-D content in the home, and various forms of coding are being developed to get this content to the home, by some form of transmission, or some form of physical medium such as a DVD. SMPTE has formed a task force to examine the various technologies and determine the requirements that will apply to content production for this area. The Task Force will produce a report in early 2009 to guide the appropriate committees in the development of the standards necessary to support content production for the Home 3-D environment.

(L-R): Bill Zou; Kimberly Maki, SMPTE Executive Director; and Wendy Aylsworth, SMPTE Engineering Vice President.

Bill Zou, Chair, SMPTE Task Force on 3-D to the Home, addressed attendees at the inaugural meeting of the Task Force, held in Los Angeles on August 19. Some 160 professionals from all parts of the industry were in attendance. The next meeting will be held December 15–18, at Harris Corporation in Melbourne, FL. Details are at [www.smpte.org/standards/meeting\\_schedule/](http://www.smpte.org/standards/meeting_schedule/). Participation in the Task Force is open to all, but requires membership of the SMPTE Standards Community; instructions are available at [www.smpte.org/standards/meeting\\_schedule/3dtf\\_mtg\\_details/Instructions.pdf](http://www.smpte.org/standards/meeting_schedule/3dtf_mtg_details/Instructions.pdf). At the time of writing, 97 people have signed up for the Task Force.



## transvideo CineMonitor<sup>HD</sup> 6" 3DView



The CineMonitor<sup>HD</sup> family is made up of HD/SD field monitors from 6" to 15".

The CineMonitor<sup>HD</sup> SBL is a 6" HD SDI monitor providing an exceptional brightness of 1000 nits.

The 3DView<sup>TM</sup> option is a unique processing to correlate two genlocked HD-SDI cameras in a 3D system. The anaglyph mode allows a realistic preview of the 3D picture for the operator.

✓ **User Friendly Interface**

✓ **RFR<sup>TM</sup> processing**

Always synced to the incident frame rate

✓ **No latency**

Less than 1 frame in interlaced, less than 1 picture in progressive

✓ **Rec. 709 chromaticity** (in D65 mode)

✓ **"Log to Lin" mode**

✓ **Measurement tools**

Waveform (RGBY), Vectorscope, Y Histogram, over-exposure control

✓ **Virtual Horizon\***

Embedded horizon generator

✓ **Frameline Generator**

Up to 3 frames generated



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