



Photo by Ken Burgess

CES 2012 in Las Vegas– Our Impressions

The 2012 CES show in Las Vegas provided proof that the electronics industry has fully embraced 3D technologies. It was obvious that industry leaders have been listening to consumer opinion regarding 3D TVs and the dislike for wearing glasses in order to see 3D content. Virtually every major manufacturer offered an auto-stereoscopic display option. Many people feel that the need to wear 3D glasses has been the biggest factor slowing the large-scale adoption of 3D into consumers' homes. There was very few shutter glass display systems on show with the majority of 3D TVs being passive circular polarized.

Oakley, Polaroid and other companies were promoting their fashionably styled, passive circular polarized 3D glasses with an emphasis on image quality and durability.

The product that received the CES 2012 Best of Show award was the LG 55" OLED Passive Polarized 3D TV. The display produces amazingly deep blacks, richly saturated colors and absolutely incredible contrast ratios. Also impressive was the virtually bezel-less, ultra-thin 4mm thickness of the screen.

Our favorite attraction of the show was the massive 3D video wall erected by LG, which contained more than 100 50" 3D displays working in concert to create an extremely large and immersive 3D experience for everyone who entered the room. The program's 3D effects included realistic looking objects projecting into the audience so close it felt like we could touch them; picture an F14 fighter jet flying just a few feet in front of you, a 12ft remote control hovering in space and a soccer ball that you could almost feel hit you in the forehead!

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It was clear to us that the electronics industry is continuing to invest heavily in 3D technologies. Unquestionably, industry leaders are seeing the future of home entertainment in 3D.

CES 2012 proved to be confirmation that Cyclopital3D is concentrating on an industry that clearly has a future in the minds of electronics experts.



Photo by Tanya Alsip

Ken's Review of the New Sony DEV-5 Digital Recording Binoculars

The new Sony DEV-5 Digital Recording Binocular is a cross between binoculars and an HD 3D camcorder. Some of the features found in these recording binoculars include image stabilization, high magnification, and 10x zoom capability.

The Dev-5 incorporates all of the features found in the Sony TD-10 3D camcorder with addition of the stereoscopic viewfinder, and more. The viewfinder is essentially a stereoscope, providing an excellent view of what you are recording in 3D. This unique stereoscopic viewfinder system makes it easy to see the location of the stereo window so you can make manual convergence adjustments in real time, while you are recording.

The Dev-5 eyepieces can be focused individually and the interocular spacing can also be adjusted. The large lens eyecups (not shown in photo) help to eliminate distracting ambient light. Another significant feature to highlight is the fact that this 3D

camcorder has a 3D display that you can actually see in bright daylight! Who thought of that?!

The only down-sides to the Dev-5 are that it is somewhat larger than the TD-10 and shares its narrow interaxial lens spacing—have you ever seen binoculars with lenses that are spaced closer than your eyes? To address the resulting 3D depth limitations created by the narrow lens spacing of these camcorders, Cyclopital3D has developed custom base extenders for both the TD-10 and the DEV-5.



The Cyclopital3D DEV-5 Stereo Base Extender (SBE)

The DEV-5 SBE is perfect for capturing subjects that are more distant from the camera, such as: wildlife, band or theatrical performances, or sporting events.

The 31mm fixed lens spacing of the Sony DEV-5 limits how far away from the camera your subject can be while still achieving a high quality 3D image that displays accurate depth.

The SBE uses perfectly aligned high quality front surface mirrors to effectively increase the stereo base from 31mm to 135mm. This lengthening of the stereo base allows you to get 4X further away from your subject while still maintaining an optimal level of parallax.

Cyclopital3D also sells an adapter that allows you to attach polarizers or other filters to the DEV-5. To read more about the benefits of the DEV-5 Filter/Close-up Adapter (FCA) go to www.cyclopital3d.com.



Photo by Ken Burgess

How do you share your 3D Photos with Friends and Family?



LED Lighted Print Viewer

- Works with modern Fuji W3 & W1
- Print your 4x6 photos at home
- Battery operated
- High quality, achromatic lenses
- 47 degree field of view
- Detachable print holder allows for use with 3D photo books
- Tripod mount
- Focus adjustment

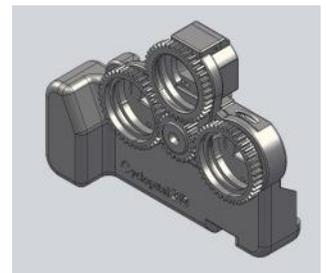
*If your audience doesn't say,
"It's like I'm there!"
Then you need a better viewer!*

3D is the Future of Photography!

Ken's Latest Creations

This is an ongoing column in our newsletters because, as some of you know, Ken's mind is always working on something new.

Many of you have asked why there is a little screw on the front & center of your Auxiliary Lens Adapter (ALA). Well, when Ken designed the ALA more than a year ago he envisioned a polarizer with three "eyes," two for the lenses and one for the human eye to adjust the polarizers as desired. Unfortunately, the development of Ken's polarizer was shelved for a while in favor of some other major product developments. Now, Ken has decided to revive and complete this useful tool so it can be shared with all of you! We hope to have this new product released in the 1st quarter of 2012.



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