

Panasonic

ideas for life

Twin-lens 3D camera recorder

Preliminary

File recording system will offer high-efficiency full-HD 3D video production.

The world's first*¹ integrated twin-lens 3D camera recorder for professional use.



3D
FULL HD

- The world's first*¹ integrated twin-lens full-HD 3D camera recorder
- Equipped with convergence-point*² adjustment and automatic horizontal and vertical displacement correction functions
- The solid-state memory file-based recording system enables high-efficiency production workflow for 3D videos

*1: As an integrated twin-lens 3D camera recorder capable of recording full-HD video to its memory card. As of January 2010 (based on our investigations).

*2: The point at which the left and right-camera lenses' optical axes converge.

Integrated Twin-Lens FULL-HD 3D Camera Recorder



The world's first*1 integrated twin-lens 3D camera recorder

This product is the world's first*1 professional twin-lens full-HD 3D camera recorder. Current professional 3D systems are large-scale setups in which two cameras are fitted to a rig in parallel, or vertically intersect across a half-mirror. Separate recorders are also required. In the Panasonic's new full-HD camera recorder, the lenses, camera head, and a memory card recorder are integrated into a single, lightweight body. This is much less expensive, smaller, more portable, and easier to maintain than the current professional 3D systems.

Equipped with convergence-point*2 adjustment and automatic horizontal and vertical displacement correction functions

The twin-lens system adopted in the optical section allows the convergence point*2 to be adjusted. Functions for automatically correcting horizontal and vertical displacement are also provided. Conventional 3D camera systems require these adjustments to be made on a PC or an external video processor. This new camera recorder, however, will automatically recalibrate without any need for external equipment, allowing capturing 3D image immediately.

The solid-state memory file-based recording system enables high-efficiency production workflow for 3D videos

Right and left full-HD video streams can be recorded as files on memory cards, ensuring higher reliability than on other media. Eliminating moving parts helps to significantly reduce maintenance costs. Users also enjoy a fast, highly-productive file-based workflow.

Major Specifications (tentative)

- **Power Consumption:** Under 19 W (main unit only)
- **Weight:** Under 3 kg (Under 6.61 lb) (main unit only)
- **Recording Media:** SDHC/SD memory card

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*2: The point at which the left and right-camera lenses' optical axes converge. This brochure is preliminary. Specifications and functions are subject to change without notice.

Visit the website for details



<http://pro-av.panasonic.net/en/3d>

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Factories of Systems Business Group have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)