

Panasonic
ideas for life

P2HD

AG-3DP1

Integrated Twin-Lens 3D Camera Recorder

Scheduled for release in Autumn 2011

Preliminary



AVC INTRA

**High-Quality Images, High Sensitivity, Powerful Zooming
and Multi-Camera Versatility.**
The Integrated Twin-lens Camera Recorder for Broadcast-Level 3D.

The AG-3DP1 is a P2HD Series integrated twin-lens 3D camera recorder. This high-end model takes the user-friendliness of the AG-3DA1 integrated twin-lens 3D camera recorder – which brought an innovative solution to 3D shooting and production – to an even higher level.

The AG-3DP1 comes with a newly developed 17x (target) twin-lens zoom lens system that features an expanded range for both wide-angle and telephoto settings to provide an angle of view for diverse shooting situations. The combination of high-sensitivity, high-resolution 2.2-megapixel 1/3-type 3MOS sensors and a high-quality AVC-Intra codec achieves high-quality 3D HD recording with 1920 x 1080 full-pixel resolution and 10 bit 4:2:2 full sampling. Supporting multi-camera synchronization and a camera extension system, as well as a variable frame rate (VFR) function,* the AG-3DP1 responds to highly sophisticated needs. It's also equipped with 3D camera functions such as auto iris/focus and 2D 2-slot dual recording mode.

From sports event broadcasting to movie production, the AG-3DP1 efficiently serves as a main camera, to replace the conventional rig-type camera. This integrated twin-lens camera recorder is highly mobile and easy to handle.

3D
PROFESSIONAL

* The AG-3DP1's variable frame rate function supports only the 720p mode.

AG-3DP1 — P2 cam for High-End 3D Video Production

Newly Developed Twin-Lens System with Wide Angle and Powerful Zooming

The HD twin-lens system was developed exclusively for the AG-3DP1. This powerful 17x* zooming system covers a wide range for added flexibility in broadcasting and video production. Because the HD twin-lens system is assembled with high precision, it requires no pre-shooting adjustment of the optical axis or angle of view. Focus, zoom and iris adjustments are synchronized accurately for the left and right lenses. The AG-3DP1 also supports remote control (focus, zoom, iris, convergence, recording start/stop).

*Target value.

1920 x 1080 10 bit 4:2:2 High-Quality Images, and High Sensitivity

The AG-3DP1 is equipped with two pairs of 1/3-type 2.2-megapixel 3MOS sensors, for the left and right. These imaging devices enable high-resolution, high-sensitivity 3D shooting. This P2HD Series camera recorder employs an AVC-Intra (MPEG-4 AVC/H.264) codec for broadcasting and other professional applications. Left-channel and right-channel signals are separately recorded onto P2 cards. As a result, the AG-3DP1 is capable of 1920 x 1080 full-pixel HD 3D recording with 10 bit 4:2:2 full sampling to deliver stunning image quality.

*1920 x 1080 10 bit, 4:2:2 images can be recorded only in AVC-Intra 100 mode. The AVC-Intra 100 or ACV-Intra 50 recording codec can be selected.

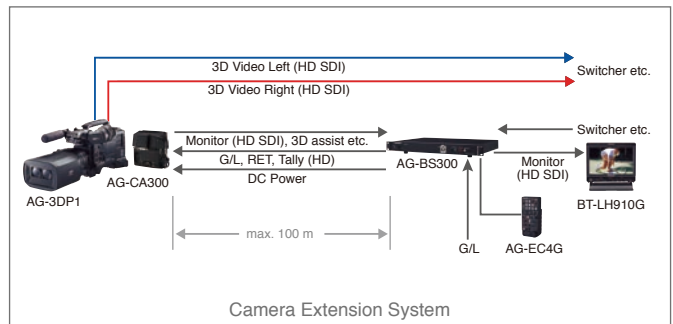
Supports Multi-Camera Synchronous Shooting and a Camera Extension System

The AG-3DP1 is equipped with GENLOCK IN and TC IN/OUT for synchronization of multiple cameras. It also supports the AG-CA300G/BS300/EC4G Camera Extension System that is presently offered for P2HD camera recorders, thus making it easy to configure a 3D broadcasting or recording system with multiple cameras. The AG-3DP1 is also equipped with two HD SDI outputs (simultaneous/side-by-side), RET input and HDMI (3D-compatible) output.

A Wealth of Functions for High-End Video Production

- Optical ND filters (CLEAR, 1/4ND, 1/16ND, 1/64ND) enable manual exposure setting.
- Variable frame rate feature (in 720p mode only) allows film-like slow-speed or quick-speed shooting.
- HD multi-format recording: 1080 60i/50i/30p/25p/24p, 720 60p/50p/30p/25p/24p
- 59.94 Hz/50 Hz selector function for global use.
- A 2D 2-slot dual recording mode records left-channel onto two* P2 cards simultaneously.
- Focus assist function (enlarged view/focus bar).
- Waveform and vectorscope display.
- TC/UB recording function and genlock function.
- XLR audio inputs (3-pin terminals x2) and XLR microphone input (5-pin terminal).
- 81.3 mm (3.2 inches) 16:9 LCD color monitor with approximately 921,000 dots.
- Optional AJ-HVF21K or AJ-CVF100 Viewfinder can be used.

*Recording onto only single P2 card is not supported.



Panasonic®

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