

Panasonic
ideas for life

AVCCAM

AG-AC160
AG-AC130

Memory Card Camera Recorder

Scheduled for release in Autumn 2011

Preliminary



AVCHD IN

New AVCCAM Models with Better Zooming, Greater Sensitivity and Higher Image Quality.

Full-HD Slow-/Quick-Motion Recording*¹ Supported.

Newly added to the Panasonic AVCCAM lineup, the AG-AC160 and AG-AC130 Memory Card Camera Recorders offer a host of advanced functions. The lens, camera section and recorder section of these models have been significantly revamped by incorporating cutting-edge technologies.

The new 21x zoom lens boasts wide coverage, from wide-angle to telephoto, while cam-type zoom, focus, and iris rings let you make manual adjustments just like with an interchangeable lens. The high-sensitivity, low-noise, high-resolution 1/3-type 2.2-megapixel U.L.T. (Ultra Luminance Technology) MOS image sensor and professional AVCHD PH mode ensure high-quality Full-HD (1920 x 1080) recording.

The high-end AG-AC160 model comes with advanced functions like HD slow-/quick-motion recording,*¹ and also supports HD SDI output. Both the high-end AG-AC160 and the cost-effective AG-AC130 meet a broad range of professional needs, in both video production and news gathering. Both models also feature a DV*² (SD) recording mode for extra versatility.

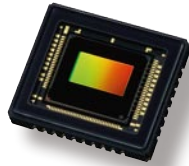
*1: AG-AC160 only. Playback in 1080/60p mode not possible. 720p VFR not supported. Class 6 or higher SDXC/SDHC/SD Memory Card required for VFR recording.

*2: DV files are recorded onto an SD memory card.

AG-AC160 and AG-AC130 High-Performance AVCCAMs

High-Sensitivity, High-Image-Quality U.L.T. Image Sensor

The AG-AC160/AC130 feature the progressive-compatible U.L.T. (Ultra Luminance Technology) image sensor (1/3-type 2.2-megapixel MOS sensor) that is used in broadcast P2HD camera recorders. This image sensor offers high sensitivity and low noise to enable shooting in low-light conditions. In Professional AVCHD PH mode, they can record high-quality Full-HD images.



U.L.T. Image Sensor

21x Zoom Lens with Wide Coverage from Wide-Angle to Telephoto

The AG-AC160/AC130 are equipped with a newly designed, large-diameter zoom lens, with a filter diameter of 72 mm. This 21x (f = 28mm to 588mm, 35mm equivalent) zoom lens covers a wide field of view, from wide-angle to telephoto, without a conversion lens. The lens is provided with three rings -- a mechanical (cam-type) zoom ring, a focus ring and an iris ring -- for the same kind of manual operation that you get with an interchangeable lens.

Selectable High-Quality AVCHD PH Mode and DV (SD)

- **AVCHD PH mode:** Employs the advanced AVCHD HD recording format. Supports the high-image-quality PH mode for professional applications, and allows high-quality Full-HD (1920 x 1080) recording at a high bit rate of 24 Mbps (average: 21 Mbps).
- **DV mode:** Records SD video in a DV-format file (AVI Type 2) for added flexibility. Standard DV output (IEEE 1394) lets you upload files to a PC or Mac.

High-End AG-AC160 with Even More Advanced Functions

- **Full-HD VFR (Variable Frame Rate)*:** Records high-quality Full-HD (1920 x 1080) progressive images that allow cine-like expression with overcranking for slow-motion images and undercranking for a quick-motion effect.
- **LPCM recording:** Enables high-quality digital audio recording using the uncompressed 16 bit LPCM system in PH mode.
- **Selectable 59.94 Hz/50 Hz:** Supports worldwide video systems.
- **HD SDI output:** Facilitates use in professional systems.

*Cannot be played in 1080/60p mode. 720p VFR not supported. Class 6 or higher SDXC/SDHC/SD Memory Card is required for VFR recording.

A Wealth of Functions for Professional Use

- 4-position (clear, 1/4 ND, 1/16 ND, 1/64 ND) optical neutral density filter wheel.
- SDXC-compatible dual card slots enable relay recording using two memory cards as well as backup recording.
- DRS (Dynamic Range Stretch) suppresses blocked shadows and blown highlights.
- New area focus and area iris functions.
- Waveform and vectorscope display.
- Selectable gamma settings, such as cine-like gamma, for rich gradation.
- Convenient features and functions include scene file, user buttons and focus assist functions.
- High-resolution, high-brightness viewfinder and LCD monitor.
- XLR 2-channel audio input terminals supporting a 48 V phantom power supply.
- Interval REC (AVCHD only), Pre-REC and time stamp recording possible.
- TC/UB recording function with initial TC value synchronization.

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.)