

Panasonic

AG-AC30

Memory Card Camera Recorder
(AG-AC30PJ, AG-AC30EJ, AG-AC30PB)

* This model is not available in some areas.

Geared for the Mobile Shooter

A New Dimension in Low-Light Shooting and Professional Functions



AVCHD™
Progressive

HDMI

SDXC™ U3 I

DOLBY
DIGITAL

MADE IN
JAPAN

Versatile Professional Functions

3.0-inch (type) Slide-Retractable LCD with Touch Operation

This handy LCD serves as a high-definition, 460K-dot monitor and menu-setting touch panel. When not in use, it slides into the front handle for extra mobility and safety. It also rotates 270 degrees vertically for easy high-angle, low-angle and self-interview shooting.



Tiltable Viewfinder with Eyecup

The 1,555K-dot-equivalent color viewfinder can be tilted for added convenience.



Sturdy Handle

A lightweight, durable magnesium-alloy frame is used for the handle. The extra strength also expands shooting possibilities.



3 Manual Rings

Professional features include a focus ring, zoom ring, and iris ring on the lens barrel. This enables speedy and intuitive camera work.

Illuminating LED Ring

The illuminating LED ring allows easy verification that recording is in progress, for smoother shooting. The user can turn the illumination on or off.



Standby



Recording

2-Channel XLR Audio Input Terminals

The AG-AC30 comes with 2-channel XLR audio input terminals for external mic or line recording. It also has a +48V phantom power supply. This enables the use of professional-spec, high-performance microphones for high-quality audio recording.

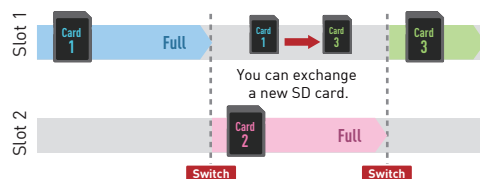


Dual SD Card Slot

Relay Recording

When the first card becomes full, the system automatically and seamlessly switches to the second card. The user can exchange the card while shooting. This means that recorded cards can be exchanged one after another with blank cards for endless recording.*

* The file is divided every 10 hours.



Simultaneous Recording

The same data is recorded onto both cards, so you don't have to worry about losing the data.



Built-in LED Video Light

The video light is extremely bright (300 lx at 1 meter), for reliable shooting in dimly lit places. A diffusion filter softens the light source, and a color conversion filter converts the color temperature.

Without a filter



Color conversion filter



Diffusion filter



1/3.1-inch (type) BSI Sensor

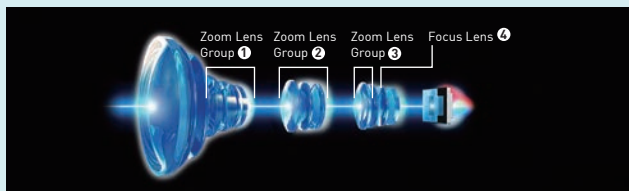


The effective area is increased* to achieve the high image quality of 6.03M effective pixels. This gives you bright, beautiful shots even in dark places.

* Compared to the AG-AC8.

Optical 20x Zoom

By driving each of four lens groups separately, the drive ranges are reduced, resulting in high image quality and high-powered zooming, with a compact camera body.



5-Axis HYBRID O.I.S. +

The HYBRID O.I.S. + uses five-axis correction to thoroughly suppress blurring all the way from wide-angle to powerful zoom shots. This lets you capture crisp, clear images, without blurring, in almost every shooting situation.



O.I.S. OFF



O.I.S. ON









Intelligent AF

This advanced AF system achieves superior focus speed, excellent stability, and high tracking performance.

29.5mm Wide-Angle*

The wide-angle feature fits more people and more of the background into the frame. * 35mm camera equivalent

Optional Accessories

XLR Microphone	Battery Pack			Battery Charger	SD Memory Card
AG-MC200G	VW-VBD58	AG-VBR59	AG-VBR89G	AG-BRD50 Quick Charger for VBR Series Battery	
					
Super-directional / XLR 3-pin	7.2V 5800mAh	7.28V 5900mAh	7.28V 8850mAh	AG-B23 Single Charger	

Specifications

As of July, 2016

SENSOR SECTION

Image Sensor	1/3.1-type BSI MOS Sensor
Effective Pixels	6.03 megapixels [16:9]

LENS SECTION

F Value	F1.8 - F3.6
Optical Zoom	20x
Focal Length	4.08 - 81.6 mm
35 mm Film Camera Equivalent [Motion Image/Still Image]	29.5 - 612 mm [16:9]
Filter Diameter	49 mm
Lens Brand	Panasonic Lens

CAMERA SECTION

Standard Illumination	1400 lx	
Minimum Illumination	1.4 lx [Super Gain 36dB, Shutter 1/30] [AG-AC30PJ/PB] 1.2 lx [Super Gain 36dB, Shutter 1/25] [AG-AC30EJ]	
Focus	Auto / Manual	
Zoom	Intelligent Zoom OFF	20x
	Intelligent Zoom ON	40x
	Digital Zoom	2x / 5x / 10x
White Balance	Auto / 3200K / 5600K / VAR (2000K—15000K) / Ach Fixed / Bch Fixed	
Shutter Speed	[AG-AC30PJ/PB] 60p / 60i: 1/8 - 1/8000 23.98p: 1/6 - 1/8000 Super Slow: 1/120 - 1/8000	[AG-AC30EJ] 50p / 50i: 1/6 - 1/8000 Super Slow: 1/100 - 1/8000
	Iris	Auto / Manual
Super Slow Recording	[AG-AC30PJ/PB] Shooting Frame Rate: FHD 120fps, Slow Motion Effect: 1/2 speed, 1/4 speed [AG-AC30EJ] Shooting Frame Rate: FHD 100fps, Slow Motion Effect: 1/2 speed, 1/4 speed	
Image Stabilizer	5-axis HYBRID O.I.S.+ with Level Shot Function	

RECORDING SECTION

Recording Media	SDHC/SDXC Memory Card
Recording Format	MOV / MP4 / AVCHD: AVCHD Progressive
Video Compression Method	MPEG-4 AVC/H.264
Audio Compression Method	MOV: LPCM (2ch) / MP4: LPCM (2ch) / AVCHD: Dolby Digital (2ch)
System Frequency	59.94Hz [AG-AC30PJ/PB] / 50.00Hz [AG-AC30EJ]
Recording / Playback Mode	MP4 / MOV [AG-AC30PJ/PB] 1920x1080 59.94p 50M: Average 50Mbps [VBR], LPCM 1920x1080 59.94i 50M: Average 50Mbps [VBR], LPCM 1920x1080 29.97p 50M: Average 50Mbps [VBR], LPCM 1920x1080 23.98p 50M: Average 50Mbps [VBR], LPCM [AG-AC30EJ] 1920x1080 50p 50M: Average 50Mbps [VBR], LPCM 1920x1080 50i 50M: Average 50Mbps [VBR], LPCM 1920x1080 25p 50M: Average 50Mbps [VBR], LPCM
	AVCHD [AG-AC30PJ/PB] PS 1080 59.94p: 1920x1080, Average 25Mbps [VBR] PH 1080 59.94i/23.98p: 1920x1080, Average 21Mbps [VBR] HA 1080 59.94i: 1920x1080, Average 17Mbps [VBR] HE 1080 59.94i: 1440x1080, Average 5Mbps [VBR] PM 720 59.94p: 1280x720, Average 8Mbps [VBR] SA 480 59.94i: 720x480 [SIDE CROP/SQUEEZE], Average 9Mbps [VBR]

Recording / Playback Mode	AVCHD	[AG-AC30EJ] PS 1080 50p: 1920x1080, Average 25Mbps [VBR] PH 1080 50i: 1920x1080, Average 21Mbps [VBR] HA 1080 50i: 1920x1080, Average 17Mbps [VBR] HE 1080 50i: 1440x1080, Average 5Mbps [VBR] PM 720 50p: 1280x720, Average 8Mbps [VBR] SA 576 50i: 720x576 [SIDE CROP/SQUEEZE], Average 9Mbps [VBR]
Thumbnail Display	20 thumbnails/page, 9 thumbnails/page, 1 thumbnail/page	
Microphone	Stereo Microphone	
Speaker	Dynamic type	

STILL IMAGE SECTION

Recording Format	JPEG [DCF/Exif2.2]	
Recording Image Size	Recording Mode	[16:9] 2.1 megapixels (1920 x 1080), 0.2 megapixels (640 x 360) [4:3] 0.3 megapixels (640 x 480)
	Playback Mode	[16:9] 2.1 megapixels (1920 x 1080), 0.9 megapixels (1280 x 720)

GENERAL SECTION

Power Supply	7.2V (Battery) / 12V (AC Adaptor)	
Power Consumption	11.7W [Recording] / 27.4W [Charging]	
Dimensions (W x H x D)	Approx. 170 x 170 x 335 mm (6.69 x 6.69 x 13.2 inch)	
Weight (w/o Battery and SD Card)	Approx. 1500g (3.31 lb)	
LCD Monitor	3.0-inch (3.0 type) Wide LCD monitor (Approx. 460K dots)	
Viewfinder	0.24-inch (0.24 type) Wide EVF (Approx. 1,555K dots equivalent)	
Manual Ring	Focus / Zoom / Iris	
Interface	AV	Yes
	HDMI	Type A
	XLR Input	XLR (3 pins) x 2 Line: 0dBu/+4dBu, Mic: -40dBu/-50dBu/-60dBu
	Headphone	Yes (3.5mm stereo mini)
	USB	Micro-B: USB 2.0 Hi-Speed, Mass Storage Function (read only) Type A: USB 2.0 Hi-Speed, for External Media Device Connection*, Bus Power Supply
LED Video Light	Camera Remote	2.5mm super mini jack x 1 (ZOOM S/S) 3.5mm mini jack x 1 (FOCUS/IRIS)
	Average Illumination	Approx. 300 lx (1.0m)
	Irradiation Angle	Approx. 30°
	Color Temperature	Approx. 5000K
	Average Illumination with Diffusion Filter	Approx. 70 lx (1.0m)
Accessory Shoe	Color Temperature with Color Conversion Filter	Approx. 3000K
	Yes	
Standard Accessory	AC Adaptor, AC Cable, Rechargeable Battery Pack (2,900mAh), AV Cable, Microphone Holder, Microphone Holder Screws (2 Screws), Input Terminal Cap (2 Caps), Eye Cap, Lens Cap, LED Light Filter (Diffusion Filter / Color Conversion Filter)	

* External media device with a capacity of 32 GB or less, or more than 2 TB, cannot be used.

• Weight and dimensions shown are approximate. • Design, functions, and specifications are subject to change without notice. • All monitor and TV pictures are simulated. • 1 GB = 1 billion bytes. Usable capacity will be less. • You are not allowed to reproduce (copy), or transfer to a network, any part of the software applications supplied with this product for commercial purposes without written authorization. • Panasonic will in no way be liable for any damages sustained directly or indirectly from the use of this product or from any trouble occurring therein. • Panasonic will also in no way be liable for any losses of data caused by this product. • SDXC Logo is a trademark. • SDHC Logo is a trademark. • SD Logo is a trademark. • The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. • Other names of systems and products mentioned in this brochure are generally the registered trademarks or trademarks of the manufacturers who developed the system or product concerned. • All other company and product names are trademarks of their respective corporations.

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Factories of AVC Networks Company have received ISO 14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)

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