

# 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 Cup, 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.
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