



High Sensitivity Broadcast Camcorder

AG-AC130A

AVCCAM Model with Better Zooming, Greater Sensitivity and Higher Image Quality

Key Features

22x Zoom Lens

Selectable High-Quality

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



AG-AC130A

<https://eu.connect.panasonic.com/nl/en/products/broadcast-proav/ag-ac130a>

General Specification

Supply Voltage	DC 7.2 V (when the battery is used) DC 7.3 V (when the AC adaptor is used)
Power Consumption	AG-AC160A: 11.8 W (recording) AG-AC130A: 11.6 W (recording)
Operating Temperature	0°C - 40°C (32°F to 104°F)
Operating Humidity	10% to 80% (no condensation)
Weight	Approx. 2.4 kg (5.3 lb), excluding the battery and accessories
Dimensions (W x H x D)	180 mm x 195 mm x 438 mm (7 inches x 7-11/16 inches x 17-1/4 inches), excluding protruding parts
Camera	
Pickup Devices	1/3-type progressive, 2.2-megapixel, 3MOS sensors
Effective Pixels	1920 (H)×1080 (V)
Lens	Optical image stabilizer lens, 22x motorized zoom, F1.6 - 3.2 (f=3.9 mm - 86 mm), 35 mm conversion: 28 mm - 616 mm (16:9)
Filter Diameter	72 mm
Optical System	Prism color separation
ND Filter	OFF, 1/4, 1/16, 1/64
Minimum Shooting Distance	Approx. 1 m
Gain Settings	0/+3/+6/+9/+12/+15/+18/+24*/+30* dB *Assigned to the USER button (S.GAIN)
Digital Zoom	2X/5X/10X, assigned to the USER button
Minimum Illumination	0.4 lx (F1.6, gain +30 dB, shutter speed 1/30 seconds)
Shutter Speed 59.94 Hz*1 Mode of AG-AC160A and AG-AC130AP Preset Shutter	60i/60p: 1/60*, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec. 30p: 1/30, 1/50*, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec. 24p: 1/24, 1/50*, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec. *Indicates value when shutter is OFF
Shutter Speed 59.94 Hz*1 Mode of AG-AC160A and AG-AC130AP Slow Shutter	60i/60p: 1/8 sec., 1/15 sec., 1/30 sec. 30p: 1/8 sec., 1/15 sec., 24p mode: 1/6 sec., 1/12 sec. *Only when the VFR MODE is OFF in the SCENE FILE screen
Shutter Speed 59.94 Hz*1 Mode of AG-AC160A and AG-AC130AP Synchro Scan	60i/60p: 1/60.0 sec. to 1/249.8 sec. 30p: 1/30.0 sec. to 1/249.8 sec. 24p: 1/24.0 sec. to 1/249.8 sec.
Shutter Speed 59.94 Hz*1 Mode of AG-AC160A and AG-AC130AP Opening Angle	3.0 degrees to 360.0 degrees, 0.5 degrees step
Shutter Speed 50Hz Mode of AG-AC160A and AG-AC130AEJ/EN Preset Shutter	50i/50p: 1/50*, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec. 25p: 1/25, 1/50*, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec. *Indicates value when shutter is OFF
Shutter Speed 50Hz Mode of AG-AC160A and AG-AC130AEJ/EN Slow Shutter	50i/50p: 1/6 sec., 1/12 sec., 1/25 sec. 25p : 1/6 sec., 1/12 sec. *Only when the VFR MODE is OFF in the SCENE FILE screen
Shutter Speed 50Hz Mode of AG-AC160A and AG-AC130AEJ/EN Synchro Scan	50i/50p: 1/50.0 sec. to 1/250.0 sec. 25p: 1/25.0 sec. to 1/250.0 sec.
Shutter Speed 50Hz Mode of AG-AC160A and AG-AC130AEJ/EN Opening Angle	3.0 degrees to 360.0 degrees, 0.5 degrees step
Memory Card Recorder Section	
Recording Format	AG-AC160A: AVCHD Ver.2.0 standard (AVCHD Progressive) AG-AC130A: AVCHD standard (MPEG-4 AVC/H.264), AG-AC160A/AC130A: DV standard (AVI Type2)

Recording Media	SD memory card (FAT12, FAT16 formats supported) 512 MB, 1 GB, up to 2 GB SDHC memory card (FAT32 format supported) 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 32 GB SDXC memory card (exFAT format supported) 48 GB, 64 GB, up to 2 TB
Note	*However, memory cards above Class 4 is supported in PH/HA mode, memory cards above Class 2 is supported in PM/HE/CH mode, and memory cards above Class 6 is supported for VFR recording and DV mode.
Video/Audio Recording Specification (AVCHD)	
Recording Video Signals 59.94Hz*1 Mode of AG-AC160A and AG-AC130AP	PS mode (AG-AC160A only): 1080/59.94p*1 PH mode: 1080/59.94i*1, 1080/29.97p*1, 1080/23.98pN*1 *3 720/59.94p*1, 720/29.97p*1, 720/23.98pN*1 *3 PM mode: 720/59.94p*1 HA/HE mode: 1080/59.94i*1 CH mode (AG-AC160A only): 1080/59.94i*1
Recording Video Signals 50Hz Mode of AG-AC160A and AG-AC130AEJ/EN	PS mode: 1080/50p PH mode: 1080/50i, 1080/25p, 720/50p, 720/25p PM mode: 720/50p HA/HE mode: 1080/50i CH mode (AG-AC160A only): 1080/50i
Video Bit Rate	PS mode (AG-AC160A only): Approx. 25 Mbps (VBR) PH mode: Approx. 21 Mbps (VBR) PM mode: Approx. 8 Mbps (VBR) HA mode: Approx. 17 Mbps (VBR) HE mode: Approx. 6 Mbps (VBR) CH mode (AG-AC160A only): Approx. 3.5 Mbps (VBR)
Interval Recording	1 sec. /10 sec. /30 sec. /1 min. /2 min. interval, maximum 168 hours (1 week) recording *For the recording mode, PH 1080/24p (AG-AC160A, AG-AC130AP), or PH 1080/25p (AG-AC160A, AG-AC130AEJ/EN) fixed
Variable Frame Rate (AG-AC160A)	1080/24p, 1080/30p: 2*/6/9/12/15/18/20/21/22/24/25/26/27/28/30/32/34/36/40/44/48/54/60 fps (frames per second) 1080/25p: 2*/6/9/12/15/18/20/21/22/23/24/25/26/27/28/30/32/34/37/42/45/48/50 fps * Fixed on 0 dB gain and manual focus mode
Audio Recording Signal	48 kHz/16 bit
Digital Audio Format	[PS/PH mode of AG-AC160A] Linear PCM 2 ch / Dolby Digital 2 ch, switchable [CH modes of AG-AC160A] Dolby Digital 2 ch [PM/HA/HE modes of AG-AC160A and AG-AC130A] Dolby Digital 2 ch
Audio Bit Rate	PS/PH mode: 384 kbps, PM/HA/HE/CH mode: 256 kbps
DV Recording Specification	
Recording Video Signals	[59.94 Hz*1 mode of AG-AC160A and AG-AC130AP] 480/59.94i*1, 480/29.97p*1, 480/23.98p*1 [50 Hz mode of AG-AC160A and AG-AC130AEJ/EN] 576/50i, 576/25p
Audio Recording Signal (DV Recording Specification)	48 kHz/16 bit, linear PCM (digital 2 ch)
SDI Out	[AG-AC160A] BNC × 1, 0.8 V [p-p], 75 Ω, HD (AVCHD mode only) /SD switchable
HDMI Out (AVCHD Mode Only)	HDMI Type A, VIERA Link not supported
Video Output	Pin jack, 1.0 V [p-p], 75 Ω
Audio Input/Output	
Built-in Microphone	Stereo microphone
XLR Input	XLR (3-pin) × 2 (INPUT1, INPUT2), LINE/MIC/+48 V switchable, high impedance LINE: 0 dBu, MIC: -40/-50/-60 dBu (menu)
Audio Output	[AG-AC160A] Pin jack × 2 (CH1, CH2), 600 Ω, 316 mV
SDI Out (Audio Input/Output)	2 ch (linear PCM)

HDMI Out (AVCHD Mode Only) (Audio Input/Output)	2 ch (linear PCM), 5.1 ch (Dolby Digital)
Headphone	3.5 mm diameter, stereo mini jack x 1
Speaker	Round, 20 mm diameter
Other Input/Output	
Camera Remote	2.5 mm diameter, super mini jack x 1 (ZOOM S/S)
	3.5 mm diameter, mini jack x 1 (FOCUS/IRIS)
Index Remote	2.5 mm diameter, super mini jack x 1
TC Preset In/Out	VIDEO OUT terminal dual-purpose
	IN: 1.0 V - 4.0 V [p-p], 10 k Ω
	OUT: 2.0 V \pm 0.5 V [p-p], low impedance
USB 2.0	Type mini B connector (USB2.0 compliant)
DV Out (DV Mode Only)	6 pin (IEEE1394 compliant), digital output only
Monitor	
LCD Monitor	87.63 mm (3.45 inches) color LCD monitor with approx. 921,000 dots (16:9)
EVF	11.43 mm (0.45 inches) color LCD monitor with approx. 1,226,000 dots (16:9)
Included Accessories	AC adaptor*2, Battery charger*2 AC cord, DC cord, 5800/5400 (typ./min.) mAh battery pack, Wireless remote controller with button-type battery, Microphone holder, Eye cup, Shoulder strap, CD-ROM
Note2	*1: The frame rates in the setup menu are 60p, 60i, 30p, and 24p. *2: Only AG-AC160AEJ and AGAC130AEJ include AC adaptor and Battery charger separately. The AC adaptor of AG-AC160AP/ EN/AN and AG-AC130AP/ EN has both AC adaptor and Battery charger functions. *3:Native recording mode. Weight and dimensions are approximate. Specifications are subject to change without notice.