



Small HD Camcorder

AG-HMC41

Camcorder with 3.05-megapixel Progressive 3MOS Sensors

Key Features

Optical image stabiliser

Dynamic Range Stretch

Leica Dicomar lens





AG-HMC41

<https://eu.connect.panasonic.com/n/en/products/broadcast-proav/ag-hmc41>

Power Supply	DC 7.2 V (when the battery is used) DC 7.3 V (when the AC adaptor is used)
Power Consumption	7.8 W (max. when the AG-MYA300G XLR microphone adaptor is connected) 5.8 W (in standalone condition)
Operating Temperature	0 ;C to 40 ;C (32 ;F to 104 ;F)
Operating Humidity	10 % to 80 % (No condensation)
Weight	Approx. 0.99 kg (camcorder only) Approx. 1.4 kg (including SD Memory Cards, supplied battery, microphone and XLR adapter)
Dimensions (W x H x D)	136 mm x 135 mm x 304 mm excluding the projection part
Pickup Devices	3MOS (1/4.1-inch progressive modes supported)
Picture Elements	Total: Approx. 3.05 megapixels x 3 Effective (video): Approx. 2.51 megapixels x 3 (16:9) Effective (still image): Approx. 2.32 megapixels x 3 (4:3), Approx. 2.65 megapixels x 3 (3:2), Approx. 2.51 megapixels x 3 (16:9)
Lens	LEICA DICOMAR Lens with optical image stabiliser, motorised/manual mode switching, 12x zoom, F1.8 to 2.8 (f=4.0 mm to 48 mm) 35 mm equivalent (video): 40.8 mm to 490 mm (16:9) 35 mm equivalent (still image): 41.3 mm to 496 mm (3:2,) 40.8 mm to 490 mm (16:9), 45.0 mm to 540 mm (4:3)
Filter Diameter	43 mm
Optical Colour Separation	Prism system
ND Filter	Auto On/Off by IRIS
Minimum Shooting Distance	Approx. 0.9 m
Gain Settings	[Motion image] 0 dB to +24 dB (Variable in 1 dB steps; USER button allocation; up to +34 dB using the High Gain setting) [Still image] 0 dB to 18 dB (Variable in 1 dB steps)
Shutter Speed (Preset)	[Motion Image] 50i/50p mode: 1/50 sec. to 1/2000 sec. (7 steps) 25p mode 1/25 sec. to 1/2000 sec (8 steps) [Still Image] 1/2 sec. to 1/2000 sec (16 steps)
Shutter Speed (Synchro Scan)	50i/50p mode: 1.50.0 sec. to 1/250.0 sec. 25p mode: 1/25.0 sec. to 1/250.0 sec.
Slow Shutter Speed	50i/50p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec., 1/25 sec. 25p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec.
Minimum Luminance	Approx. 1 lx (Gain: +34dB, Slow Shutter: 1/2 sec.)
Digital Zoom	2x/5x/10x (Assigned to the USER button, for switching zoom levels. Only available for 1080/50i, 720/50p, 576/50i)
Recording Format	AVCHD
Compression Method	
Recording Media*1	SD Memory Card: 512 MB, 1 GB, 2 GB (FAT12, FAT16) SDHC Memory Card: 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 32 GB (FAT32)
Recording Video Format	PH mode: 1080/50i, 1080/25p (OVER 50i), 720/50p, 720/25p (over 50p)
Transmission Rate	PH mode: Approx. 21 Mbps (VBR, Max. 24 Mbps) HA mode: Approx. 17 Mbps (VBR), HG mode: Approx. 13 Mbps (VBR) HE mode: Approx. 6 Mbps (VBR)
Interval Recording*2	1sec. / 10 sec. / 30 sec. / 1 min. / 2 min. / OFF
SD Memory Card	Max. recordable clips per card: 900 (after formatting, without removing/inserting the card) Max. Playable clips: 1,000 (up to 1,000 clips displayed)
Thumbnail View	Selectable from 20 frames/page, 9 frames/page, and 1 frame/page
Editing Functions	Delete, write-protect
Formatting Function	Yes
Recording Media	SD Memory Card: 8MB, 16MB, 32MB, 64MB, 128MB, 256MB, 512 MB, 1GB, 2GB (FAT12, FAT16) SDHC Memory Card: 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 32 GB (FAT32)
Recording Pixels	[4:3] 9 megapixels / 8 megapixels / 5 megapixels / 0.3 megapixels [3:2] 10.6 megapixels / 7 megapixels / 4.5 megapixels [16:9] 10 megapixels / 6 megapixels / 3.5 megapixels
Quality	Fine/Normal
Flash Function	No
Number of Recordable Still Pictures*3 (Approx.)	[4:3] 6030 (9M 3520 x 2640 pixels)*4 [3:2] 5300 (10.6M 3984 x 2656 pixels)*4 [16:9] 5580 (10M 4224 x 2376 pixels)*4
Video Signals	1080/50i, 720/50p
HDMI Output	
Component Output	Mini-D x 1, Y: 1.0 V [p-p], 75 ½, PB/PR: 0.7 V [p-p], 75 ½
A/V Output	1.0 V [p-p], 75 ½
Sampling Frequency	48 KHz
Quantization	16 bit
Compression Bit-Rate	PH mode: 384 kbp, HA, HG and HE mode: 256 kbps
Internal Microphone	Stereo microphone
XLR Input	Exclusive terminal for AG-MYA30G
AV Output	Output: 316 mV, 600 ½, 2 ch
Headphone	Stereo mini jack (3.5mm diameter) x 1
Built-in Speaker	20 mm (round) _ 1
External Microphone Input	-70 dBV (Mic sensitivity: -50 dB equivalent, 0 dB=1 V/Pa 1 kHz) Stereo mini jack (3.5 mm diameter) (not compatible with plug-in power microphone)
USB	Type B connector (compliant with USB ver. 2.0)

Camera Remote	Super mini jack (2.5 mm diameter) x 1, for zoom and rec start/stop operations Mini jack (3.5 mm diameter) x 1, for focus and iris controls
LCD Monitor	2.7 inch, wide LCD colour monitor, Approx. 230,000 pixels 0.26 inches, wide LCD colour viewfinder, Approx. 113,000 pixels
Accessories	AC adaptor/charger, 2640mAh battery pack (secure type), AC cable, DC cable (catch type) Wireless remote controller with button-type battery, Eye cup, Shoulder Strap, Component video cable, AV cable, PIN-BNC conversion plugs, Handle, Touch pen, CD-ROM, AVCCAM Restorer (Windows PC/Mac) The following accessories are attached to the unit: Lens hood cap and XLR adapter, terminal cover *1: SDHC/SD Memory Card (8 MB to 32 GB) can be used for storing/reading scene file and user file, and reading metadata *2: Records only in PH mode 1080/25p. The maximum recording interval is 24 hours. *3: The number of recordable still pictures varies depending on the subject and whether both Fine and Normal mode pictures are included. *4: Fine mode, using a 32 GB SDHC Memory Card.
View Finder	0.26 inches, wide LCD colour viewfinder, Approx. 113,000 pixels