



Memory card camera recorder

## AG-AF100

Professional HD camera recorder with a Micro Four Thirds mount

### Key Features

Compatible with a wide range of lenses

4/3-type image sensor

Variable frame rate function

AVCCAM

DOLBY  
DIGITAL  
STEREO CREATOR

HDMI  
HIGH DEFINITION MULTIMEDIA INTERFACE

AVCHD

MICRO  
FOURTHIRDS



## AG-AF100

<https://eu.connect.panasonic.com/sk/en/products/broadcast-proav/ag-af100>

<b>General</b>	
<b>Power Supply</b>	DC 7.2 V (when the battery is used) DC 7.3 V (when the AC adaptor is used)
<b>Power Consumption</b>	12.4 W (when recording)
<b>Operating Temperature</b>	0 °C to 40 °C (32 °F to 104 °F)
<b>Operating Humidity</b>	10 % to 80 % (No condensation)
<b>Weight</b>	Approx. 1.3 kg (Approx. 2.9 lb.) (Excluding the handle, grip, battery and accessories)
<b>Dimensions (W x H x D)</b>	163.4 mm x 195 mm x 290.4 mm (6-7/16 inches x 7-11/16 inches x 11-7/16 inches) (Including the handle and grip)
<b>Camera</b>	
<b>Pickup Devices</b>	4/3 MOS fixed pickup device, single panel (primary color filter)
<b>Picture Elements</b>	Effective picture elements: Approx. 12,400,000 pixels Single panel (16:9)
<b>Image Size</b>	Valid image range: Approx. 17.8 mm (H) x Approx. 10.0 mm (V)
<b>Lens</b>	Not included
<b>Lens Mount</b>	Micro Four Thirds system Lens mount
<b>ND Filter</b>	Clear, 1/4, 1/16, 1/64
<b>Gain Settings</b>	[VIDEO CAM mode] -6dB to 18dB (3dB step) [FILM CAM mode] ISO200 to ISO3200
<b>Color Temperature Settings</b>	ATW, ATW LOCK, preset 3200K, preset 5600K, preset VAR, Ach, Bch
<b>Shutter Speed (Preset)</b>	[59.94 Hz] 60i/p mode: 1/60 sec. 1/100 sec., 1/120 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 30p mode: 1/30 sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 24p mode: 1/24 sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. [50 Hz] 50i/p mode: 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 25p mode: 1/25 sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.
<b>Shutter Speed (Synchro Scan)</b>	[VIDEO CAM mode/ 59.94 Hz] 60i/p mode: 1/60.0 sec. to 1/250.6 sec. 30p mode: 1/30.0 sec. to 1/250.6 sec. 24p mode: 1/24.0 sec. to 1/250.6 sec. [VIDEO CAM mode/ 50 Hz] 50i/p mode: 1/50.0 sec. to 1/250.0 sec. 25p mode: 1/25.0 sec. to 1/250.0 sec. [FILM CAM mode] 10.0 d to 180.0 d to 360.0 d (0.5 d step)
<b>Shutter Speed (Slow) *Video CAM Mode only</b>	[59.94 Hz] 60i/p mode: 1/2 sec., 1/4 sec., 1/8 sec., 1/15 sec., 1/30 sec. 30p mode: 1/2 sec., 1/4 sec., 1/8 sec., 1/15 sec. 24p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec. [50 Hz] 50i/p 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.
<b>Normal Sensitivity</b>	F8.0 normal (2000lx, 3200K, 89.9% reflex, 1080 59.94i)
<b>Horizontal Resolution</b>	800 TV lines (at center standard)
<b>Video/Recording/Playback</b>	
<b>Recording Format</b>	AVCHD ver.2.0 (MPEG-4 AVC/H.264/AVCHD Progressive)

<b>Recording Media*</b>	SD Memory Card: Up to 512MB, 1 GB, 2 GB (FAT12, FAT16) SDHC Memory Card: 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 32 GB (FAT32) SDXC Memory Card : 48 GB, 64GB (exFAT) *However, above Class4 is supported in PH and HA modes, and above Class6 is supported at VFR recording and in PS mode.
<b>Recording Format2</b>	[59.94 Hz] PS mode: 1080/59.94p, PH mode: 1080/59.94i, 1080/29.97p, 1080/23.98p, 720/59.94p, 720/29.97p, 720/23.98p HA/HE mode: 1080/59.94i [50 Hz] PS mode: 1080/50p, PH mode: 1080/50i, 1080/25p, 720/50p, 720/25p, HA/HE mode: 1080/50i
<b>Transmission Rate</b>	PS mode: Approx. 25 Mbps (VBR) PH mode: Approx. 21 Mbps (VBR) HA mode: Approx. 17 Mbps (VBR) HE mode: Approx. 6 Mbps (VBR)
<b>Recording Time</b>	Approx. 12 hours (PH mode 1920 x 1080 or 1280 x 720 with two 64GB SDXC memory cards)
<b>Interval Recording</b>	Off/1 sec./10 sec./30 sec./1 min./2 min. * Recording mode is fixed to PH 1080/24p (59.94 Hz) and PH 1080/25p (50 Hz) and the maximum shooting time is 24 hours.
<b>VFR Recording</b>	[1080/24p, 30p] 12/15/18/20/21/22/24/25/26/ 27/28/30/32/34/36/40/44/48/54/60 frame/sec. [1080/25p] 12/15/18/20/21/22/23/24/25/26/ 27/28/30/32/34/37/42/45/48/50 frame/sec.
<b>Video Output</b>	
<b>SDI (HD/SD)</b>	BNC x 1, 0.8 V [p-p], 75ohms [59.94 Hz] 1080/60i, 1080/24PsF, 720/60p, 480/60i [50 Hz] 1080/50i, 720/50p, 576/50i
<b>HDMI</b>	HDMI x 1, (HDMI TypeA terminal), VIERA Link not supported [59.94 Hz] 1080/60p, 1080/60i, 720/60p, 480/60p [50 Hz] 1080/50p, 1080/50i, 720/50p, 576/50p
<b>Video</b>	RCA pin jack, 1.0 V [p-p], 75ohms [59.94 Hz] 480/60i [50 Hz] 576/50i
<b>Audio Recording Playback</b>	
<b>Recording Format (Audio Recording Playback)</b>	PS/PH mode: Dolby Digital/2ch, linear PCM digital/2ch switch HA/HE mode: Dolby Digital/2ch
<b>Sampling Frequency</b>	48 kHz
<b>Encoding</b>	16 bit
<b>Compressed Bit-Rate</b>	Dolby Digital: PS/PH mode: 384 kbps, HA/HE mode: 256 kbps
<b>Audio Input/Output</b>	
<b>Built-in Microphone</b>	Stereo microphone
<b>Audio Input</b>	XLR (3 pin) x 2 (INPUT 1, INPUT 2), LINE/MIC selectable, high impedance LINE: 0 dBu, MIC: -50 dBu/-60 dBu (menu selectable)
<b>Audio Output</b>	RCA pin jack x 2 (CH1, CH2), 316 mV, 600 ohms
<b>SDI Output</b>	2ch (linear PCM)
<b>HDMI Output</b>	2ch (linear PCM)/5.1ch (Dolby Digital)
<b>Headphone</b>	3.5mm diameter, stereo mini jack x 1
<b>Speaker</b>	20 mm (round) x 1
<b>Other Connectors</b>	
<b>Camera Remote</b>	Super mini jack (2.5 mm diameter) (S/S) Mini jack (3.5 mm diameter) (FOCUS, IRIS)
<b>Index Remote</b>	Super mini jack (2.5mm diameter)
<b>TC Preset In/Out (also used for Video Out)</b>	IN: 1.0 V to 4.0 V [p-p], 10 k ohms OUT: 2.0 V ±0.5 V [p-p], low impedance
<b>USB</b>	Card reader function (no copyright protection support) Type mini B connector (compliant with USB ver. 2.0)
<b>Monitor</b>	
<b>LCD Monitor</b>	3.45 type, wide LCD color monitor (Approx. 920,000 dots)
<b>View Finder</b>	wide 0.45 type LCD color monitor (Approx. 1,226,000 dots equivalent)
<b>Standard Accessories</b>	Battery, AC adaptor/Battery charger, AC power supply cable/DC cable, Wireless remote control and battery, Eye cup, Microphone holder, Microphone holder screws, Microphone holder adaptor, Cable clamper. Screws for cable clamper, Manuals, CD-ROM

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**Note**

Weight and dimensions shown are approximate.

Specifications are subject to change without notice.