



HD Camcorder

AG-AC90

Memory Card Camera Recorder - Featuring a Wide-Angle/High-Powered Zoom Lens and High-Sensitivity BSI Type 3MOS Sensors, This Stylish AVCCAM Includes the Smooth Operation of Triple Manual Rings.

Key Features

29.8 mm Wide-Angle/High-Powered zoom lens

1/4.7 type 3MOS Sensor

Easy Operation with Triple Manual Rings



AG-AC90

<https://eu.connect.panasonic.com/cz/en/products/broadcast-proav/ag-ac90>

General Specification

Supply Voltage	DC 12 V (when the AC adaptor is used) DC 7.2 V (when the battery is used)
Power Consumption	12.9 W
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	10% to 80% (no condensation)
Weight:	Approx. 1.50 kg (Approx. 3.3 lb/main unit only) Approx. 1.78 kg (Approx. 3.9 lb/with battery and an SD card)
Dimensions (W x D x H)	160 mm x 195 mm x 350 mm excluding protruding parts (6-5/16 inches x 7-11/16 inches x 13-1/16 inches)

Camera Section

Pickup Devices	1/4.7 type 3MOS image sensor Effective pixels: Approx. 8,040K (Approx. 2,680K x 3)
Lens	Auto Iris optical zoom (Full range AF) F value (focal length): F1.5 to F2.8 (Focal length; 2.84 mm to 34.1 mm) 35 mm equivalent: Motion picture/Still picture; 29.8 mm to 383.7 mm (16:9) Minimum focus distance: Approx. 3.5 cm (1.4 inches) (Wide) Approx. 1.2 m (3.9 feet) (Tele)

Filter Diameter

49 mm

Zoom

12x optical zoom, 25x i.Zoom, 2x/5x/10x digital zoom
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Shutter Speed

60i/60p/30p:
1/30 sec. to 1/2000 sec. (auto slow shutter ON)
1/60 sec. to 1/2000 sec. (auto slow shutter OFF)
24p:
1/24 sec. to 1/2000 sec. (auto slow shutter ON)
1/50 sec. to 1/2000 sec. (auto slow shutter OFF)
at motion picture recording, manual mode

Image Stabilizer Function

Optical (hybrid optical image stabilizer, active mode)
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Minimum Illumination

Approx. 3 lx (iA mode, auto slow shutter ON)
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Memory Card Recorder Section

Recording Format	AVCHD version 2.0 compliant, AVCHD Progressive
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Motion Picture Compression	MPEG-4 AVC/H.264
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Audio Compression	Dolby Digital (5.1 ch/2 ch)
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Recording Mode	*Please see the table below.
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Still Picture Recording Format	JPEG corresponding (Design rule for Camera File system, based on Exif 2.2 standard)
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Recording Media	SD Memory Card, SDHC Memory Card, SDXC Memory Card
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Video Output	Component video output level: Y: 1.0 V [p-p], 75Ω PB: 0.7 V [p-p], 75Ω PR: 0.7 V [p-p], 75Ω AV video output level: 1.0 V [p-p], 75Ω
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HDMI Output	HDMI™ 1080p/1080i/480p
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Audio Input/Output	
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Line	2 ch (AV Multi terminal)
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HDMI Output (Audio Input/Output)	Dolby Digital /Linear PCM
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Headphones Output	3.5 mm stereo mini jack
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XLR Input	XLR (3 pin) x 2 (INPUT1/INPUT2), LINE: 0 dBu MIC: -50/-60 dBu (switch with the menu)
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Microphone	5.1 ch surround microphone (with zoom/ focus microphone function) / stereo microphone
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Other Input/Output	
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USB	Reader function (No copyright protection support) Hi-Speed USB (USB 2.0), USB terminal Type Mini B
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Camera Remote	2.5 mm diameter, super mini jack x 1 (ZOOM, REC S/S) 3.5 mm diameter, mini jack x 1 (FOCUS, IRIS)
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View Finder	0.61 cm (0.24 inches) wide EVF (Approx. 263 K dots)
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Image Stabiliser Function	Optical (hybrid optical image stabilizer, active mode)
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Monitor	
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Monitor (Monitor)	8.8 cm (3.5 inches) wide LCD monitor
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	(Approx. 1152 K dots)
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Included Accessories

Battery pack, Battery charger, AC adaptor, AC cable (x 2), Eye cup, Remote control (Battery built-in), CD-ROM (Operating Instructions), USB cable, AV multi cable, Lens cap, Shoulder strap, Microphone holder, INPUT

terminal cap (2 caps), Microphone holder adaptor, Microphone holder screws