

# Panasonic CONNECT



## 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

AVCHD Progressive  
HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE

SD  
XC™



## AG-AC90

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

### General Specification

<b>Supply Voltage</b>	DC 12 V (when the AC adaptor is used) DC 7.2 V (when the battery is used)
<b>Power Consumption</b>	12.9 W
<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. 1.50 kg (Approx. 3.3 lb/main unit only) Approx. 1.78 kg (Approx. 3.9 lb/with battery and an SD card)
<b>Dimensions (W x D x H)</b>	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

<b>Pickup Devices</b>	1/4.7 type 3MOS image sensor Effective pixels: Approx. 8,040K (Approx. 2,680K x 3)
<b>Lens</b>	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

### 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)

### Minimum Illumination

Approx. 3 lx (iA mode, auto slow shutter ON)

### Memory Card Recorder Section

**Recording Format** AVCHD version 2.0 compliant, AVCHD Progressive

**Motion Picture Compression** MPEG-4 AVC/H.264

**Audio Compression** Dolby Digital (5.1 ch/2 ch)

**Recording Mode** \*Please see the table below.

**Still Picture Recording Format** JPEG corresponding (Design rule for Camera File system, based on Exif 2.2 standard)

**Recording Media** SD Memory Card, SDHC Memory Card, SDXC Memory Card

### Video Output

**AV Multi 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

### HDMI Output

HDMI™ 1080p/1080i/480p

### Audio Input/Output

**Line** 2 ch (AV Multi terminal)

**HDMI Output (Audio Input/Output)** Dolby Digital /Linear PCM

**Headphones Output** 3.5 mm stereo mini jack

**XLR Input** XLR (3 pin) x 2 (INPUT1/INPUT2), LINE: 0 dBu MIC: -50/-60 dBu (switch with the menu)

**Microphone** 5.1 ch surround microphone (with zoom/ focus microphone function) / stereo microphone

### Other Input/Output

**USB** Reader function (No copyright protection support) Hi-Speed USB (USB 2.0), USB terminal Type Mini B

**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)

**View Finder** 0.61 cm (0.24 inches) wide EVF (Approx. 263 K dots)

**Image Stabiliser Function** Optical (hybrid optical image stabilizer, active mode)

### Monitor

**Monitor (Monitor)** 8.8 cm (3.5 inches) wide LCD monitor

(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