



Panasonic CONNECT AG-AC90 Memory Card Camera Recorder User Guide

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Introduction

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

Product View



Specification

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
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 (i A 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 (5.1ch/2 Ch.)
Recording Mode	*Please see the table below
Still Picture Recording Format	JPEG corresponding (Design rule for Camera File system, based on Exit 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 Stabilizer Function	Optical (hybrid optical image stabilizer, active mode)
Monitor	
Monitor (Monitor)	8.8 cm (3.5 inches) wide LCD monitor (Approx. 1152 K dots)
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

CUSTOMER SUPPORT

<https://eu.connect.panasonic.com/cz/en/products/broadcast-proav/agac90>



Documents / Resources

	<p>Panasonic CONNECT AG-AC90 Memory Card Camera Recorder [pdf] User Guide AG-AC90 Memory Card Camera Recorder, AG-AC90, Memory Card Camera Recorder, Card Camera Recorder, Camera Recorder, Recorder</p>
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References

- [Panasonic Connect Europe - CHANGE WORK, ADVANCE SOCIETY, CONNECT TO TOMORROW.](#)
- [AG-AC90 | Panasonic Connect](#)
- [User Manual](#)

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