



Cameras & Camcorders Digital Video 4k Camcorder

HD Camcorder HC-PV100GW

SENSOR SECTION	Image Sensor	1/3.1-inch BSI MOS Sensor
	Effective Pixels	6.03 megapixels [16:9]
	F Value	F1.8 — F3.6
	Optical Zoom	20x
	Focal Length	4.08 — 81.6 mm
LENS SECTION	35 mm Film Camera Equivalent (Motion Image/Still Image)	29.5 — 612 mm [16:9]
	Filter Diameter	49 mm
	Lens Brand	Panasonic Lens
	Standard Illumination	1400 lx
	Minimum Illumination	1.2 lx (Super Gain 36dB, Shutter 1/25)
CAMERA SECTION	Focus	Auto / Manual
	Intelligent Zoom OFF	20x
	Zoom Intelligent Zoom ON	40x
	Digital Zoom	2x / 5x / 10x
	White Balance	Auto / 3200K / 5600K / VAR (2000K—15000K) / Ach Fixed / Bch Fixed
	Shutter Speed	1/6 — 1/8000
	Shutter Speed	Super Slow: 1/100 — 1/8000
	Iris	Auto / Manual
	Super Slow Recording	Shooting Frame Rate: FHD 100fps, Slow Motion Effect: 1/2 speed, 1/4 speed
	Image Stabilizer	5-axis HYBRID O.I.S.+ with Level Shot Function

RECORDING SECTION	Recording Media	SDHC/SDXC Memory Card
	Recording Format	MOV / MP4
	Recording Format	AVCHD: AVCHD Progressive
	Video Compression Method	MPEG-4 AVC/H.264
	Audio Compression Method	MOV: LPCM (2ch)
	Audio Compression Method	MP4: LPCM (2ch)
	Audio Compression Method	AVCHD: Dolby Digital (2ch)
	System Frequency	50.00Hz
	MP4	1920x1080 50p 50M: Average 50Mbps (VBR), LPCM
	MP4	1920x1080 50i 50M: Average 50Mbps (VBR), LPCM
	MP4	1920x1080 25p 50M: Average 50Mbps (VBR), LPCM
	MOV	1920x1080 50p 50M: Average 50Mbps (VBR), LPCM
	MOV	1920x1080 50i 50M: Average 50Mbps (VBR), LPCM
	MOV	1920x1080 25p 50M: Average 50Mbps (VBR), LPCM
	Recording / Playback Mode	
	AVCHD	PS 1080 50p: 1920x1080, Max. 28Mbps (VBR)
AVCHD	PH 1080 50i: 1920x1080, Max. 24Mbps (VBR)	
AVCHD	HA 1080 50i: 1920x1080, Average 17Mbps (VBR)	
AVCHD	HE 1080 50i: 1440x1080, Average 5Mbps (VBR)	
AVCHD	PM 720 50p: 1280x720, Average 8Mbps (VBR)	
AVCHD	SA 576 50i: 720x576 (SIDE CROP/SQUEEZE), Average 9Mbps (VBR)	
Thumbnail Display	20 thumbnails/page, 9 thumbnails/page, 1 thumbnail/page	

STILL IMAGE SECTION

Microphone

Stereo Microphone

Speaker

Dynamic type

Recording Format

JPEG (DCF/Exif2.2)

Recording Image Size

Recording Mode: [16:9] 2.1 megapixels (1920 x 1080), 0.2 megapixels (640 x 360, [4:3] 0.3 megapixels (640 x 480)

Recording Image Size

Playback Mode: [16:9] 2.1 megapixels (1920 x 1080), 0.9 megapixels (1280 x 720)

Flash

—

Power Supply

7.2V (Battery) / 12V (AC Adaptor)

Power Consumption

11.7W (Recording) / 27.4W (Charging)

Dimensions (W x H x D)

Approx. 170 x 170 x 335 mm (6.69 x 6.69 x 13.2 inch)

Weight (w/o Battery and SD Card)

Approx. 1500g (3.31 lb)

LCD Monitor

3.0-inch Wide LCD monitor (Approx. 460K dots)

Viewfinder

0.24-inch Wide EVF (Approx. 1,555K dots equivalent)

Manual Ring

Focus / Zoom / Iris

GENERAL SECTION

AV

Yes

HDMI

Type A

XLR Input

XLR (3 pins) x 2

XLR Input

Line : 0dBu/+4dBu, Mic : -40dBu/-50dBu /-60dBu

Interface

Headphone

Yes (3.5mm stereo mini)

USB

Micro-B: USB 2.0 Hi-Speed, Mass Storage Function (read only)

USB

Type A: USB 2.0 Hi-Speed, for External Media Device Connection*, Bus Power Supply

Camera Remote

2.5mm super mini jack x 1 (ZOOM S/S)

LED Video Light	Camera Remote	3.5mm mini jack x 1 (FOCUS/IRIS)	
	Average Illumination	Approx. 300 lx (1.0m)	
	Irradiation Angle	Approx. 30°	
	Color Temperature	Approx. 5000K	
	Average Illumination with Diffusion Filter	Approx. 70 lx (1.0m)	
	Color Temperature with Color Conversion Filter	Approx. 3000K	
	Accessory Shoe	Yes	
	Standard	—	
	Wi-Fi	Frequency	—
		NFC	—
AC Adaptor		Yes	
	AC Cable	Yes	
	Rechargeable Battery Pack	Yes (2,900mAh)	
	Battery Charger	—	
	IR Remote	—	
	HDMI Cable	—	
	AV Multi Cable	—	
STANDARD ACCESSORY	AV Cable	Yes	
	Shoe adaptor	—	
	USB Cable	—	
	Microphone Holder	Yes	
	Microphone Holder Screws	Yes (2 Screws)	
	Input Terminal Cap	Yes (2 Caps)	
	Shoulder Strap	—	
	Eye Cup	Yes	

	Lens Cap	Yes
	LED Light Filter	Difusion Filter / Color Conversion Filter
	Editing Software	—
NOTE		*External media device with a capacity of 32 GB or less, or more than 2 TB, cannot be used.
NOTE		Specifications are subject to change without notice.

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