



HD Camcorder HC-PV100

SENSOR SECTION	Image Sensor	1/3.1-inch BSI MOS Sensor	
	Effective Pixels	6.03 megapixels [16:9]	
LENS SECTION	F Value	F1.8 — F3.6	
	Optical Zoom	20x	
	Focal Length	4.08 — 81.6 mm	
	35 mm Film Camera Equivalent (Motion Image/Still Image)	29.5 — 612 mm [16:9]	
	Filter Diameter	49 mm	
	Lens Brand	Panasonic Lens	
CAMERA SECTION	Standard Illumination	1400 lx	
	Minimum Illumination	1.2 lx (Super Gain 36dB, Shutter 1/25)	
	Focus	Auto / Manual	
	Zoom	Intelligent Zoom OFF	20x
		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
Recording / Playback Mode	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
	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
Microphone		Stereo Microphone
Speaker		Dynamic type
STILL IMAGE SECTION	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	—
GENERAL SECTION	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
Interface	AV	Yes
	HDMI	Type A
	XLR Input	XLR (3 pins) x 2
	XLR Input	Line: 0dBu/+4dBu, Mic: -40dBu/-50dBu/-60dBu
	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)
	Camera Remote	3.5mm mini jack x 1 (FOCUS/IRIS)
LED Video Light	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
Wi-Fi	Standard	—
	Frequency	—
	NFC	—
STANDARD ACCESSORY	AC Adaptor	Yes
	AC Cable	Yes
	Rechargeable Battery Pack	Yes (2,900mAh)

Battery Charger	—
IR Remote	—
HDMI Cable	—
AV Multi Cable	—
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.