

Cameras & Camcorders Digital Video 4k Camcorder

HD Camcorder HC-MDH3GW

SENSOR SECTION		Image Sensor	1/3.1-type (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	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		50p/50i: 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 Audio (2ch)
System Frequency		50Hz
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: 1920x1080 50p, Max. 28Mbps (VBR)
	AVCHD	PH: 1920x1080 50i, Max. 24Mbps (VBR)
	AVCHD	HA: 1920x1080 50i, Average 17Mbps (VBR)
	AVCHD	HE: 1440x1080 50i, Average 5Mbps (VBR)
	AVCHD	PM: 1280x720 50p, Average 8Mbps (VBR)
AVCHD	SA: 720x576 50i (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)
	Recording Image Size	[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	9.2W (Recording) / 27.4W (Charging)	
	Dimensions (W x H x D)	Approx. 205 x 217 x 494 mm (8.07 x 8.54 x 19.4 inch)	
	Weight (w/o battery and SD card)	Approx. 2330g (5.14 lb)	
	LCD Monitor	3.0-inch Wide LCD monitor (Approx. 460,800 dots)	
	LCD Monitor	7.5cm (3.0-type) Wide LCD monitor (Approx. 460,800 dots)	
	View Finder	0.24-inch Wide EVF (Approx. 1,555,200 dots equivalent) 0.6cm (0.24-type) Wide EVF (Approx. 1,555,200 dots equivalent)	
	Manual Ring	Yes	
	Interface	AV	Yes
		HDMI	Type A
		Microphones	Yes (3.5mm stereo mini)
		Headphone	Yes (3.5mm stereo mini)
		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) 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)	
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	—
	Shoe adaptor	—
	USB Cable	—
	Microphone Holder	—
	Microphone Holder Screws	—
	Input Terminal Cap	—
	Shoulder Strap	—
	Eye Cup	Yes
	Lens Cap	Yes
	LED Light Filter	Difusion 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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