

# JVC

Handheld Mobile News Camera

# GY-HM600

## ProHD



The GY-HM600 is the ideal hand-held camcorder for fast paced ENG, documentaries and reality TV. It features a long (23x) wide angle Fujinon lens and delivers excellent HD or SD video quality, even in extremely low light environments. Dual card recording on SDHC/SDXC in a variety of popular formats including XDCAM EX™ (MP4), FCP (MOV) and AVCHD ensures the world's fastest shoot to edit workflow.

- 1/3-inch 12-bit CMOS sensors (1920 x 1080 x 3)
- F11 Sensitivity
- 23x Fujinon Auto focus zoom lens with manual functions  
F1.6-3.0, 23x, f=4.1-94.3mm (35mm conversion: 29 to 667mm)
- Optical image stabilizer
- 3 position ND filter (1/4, 1/16, 1/64)
- SDXC/SDHC memory card recording (2 slots for dual-backup, continuous recording)
- Wide media format compatibility: .MOV (Final Cut Pro) / .MP4 (XDCAM EX™) / AVCHD
- Multiple encoding formats: HD MPEG2 (35/25/19Mbps) / AVCHD 1920x1080 60i / SD H.264

The GY-HM600 is a versatile, easy to use and lightweight camcorder ideally suited for broadcast as well as independent film and event production recording.

## Additional Key Features

- Professional switch layout and comprehensive video settings
- 0.45-inch 1.22M pixel color viewfinder
- 3.5-inch 920K pixel LCD display with focus assist
- Pre Rec (retro) mode (20 sec.)
- Interval (time lapse) recording
- Built-in stereo microphone
- 2-channel balanced audio inputs (mic/line switchable) w/phantom power supply
- HD/SD-SDI, HDMI Outputs
- Wired remote control connector
- High performance 2D DNR

## Product Specifications

GENERAL SPECIFICATIONS		VIDEO/AUDIO RECORDING	
Power	DC 12V (AC adaptor), DC 7.2V (Battery)	Recording media	2x SDHC/SDXC memory card Class 6/10
Power Consumption	Approx. 12W (with VF and LCD monitor)	Video recording	Video codec: MPEG2 Long GOP(HD), AVCHD, H.264(SD)
Dimensions	178(W) x 198(H) x 416(D)mm (7" x 7-13/16" x 16-3/8")		File format: MOV(HD/SD:H.264), MP4(XDCAM EX), MTS(AVCHD)
Weight	Approx. 2.4kg (5.3lbs) (Including battery)	Recording mode	MPEG-2 Long GOP
Operating temperature	0 to 40 (32 to 104)		NTSC setting: HQ mode:1920 x 1080/59.94i, 29.97p, 23.98p, 1440 x 1080/59.94i, 1280 x 720/59.94p, 29.97p, 23.98p
Storage temperature	-20 to 50 (14 to 122)		SP mode: 1440 x 1080/59.94i
Operating humidity	35% to 80%		PAL setting: HQ mode:1920 x 1080/50i, 25p, 1440 x 1080/50i
Storage humidity	Under 85%		SP mode: 1440 x 1080/50i
CAMERA			AVCHD
Image Sensor	1/3" 2.2M pixels progressive scan 3CMOS		NTSC setting: HQ mode:1920 x 1080/59.94i, SP mode:1920 x1080/59.94i
Synchronizing system	Internal synchronization		PAL setting: HQ mode:1920 x 1080/50i, SP mode:1920 x1080/50i
Stabilizer	Optical image stabilizer		SD (H.264)
Lens	Fujinon F1.6-3.0, 23x, f=4.1-94.3mm (35mm conversion:29 to 667mm)		NTSC setting: 720 x 480/59.94i(GY-HM600U only)
Filter diameter	72mm		PAL setting: 720 x 576/50i(GY-HM600E only)
Shutter speed	1/4 to 1/10000	Audio recording	LPCM 2ch, 48kHz/16-bit(MPEG-2 Long GOP/H.264), AC3(AVCHD)
Gain	-6, -3, 0, 3, 6, 9, 12, 15, 18 dB, Lolux, ALC	INTERFACE	
ND filter	1/4, 1/16, 1/64	Video output	AV output (3.5mm mini jack x1)
LCD display	3.5" 920K pixels, 16:9		SDI output (BNC x1)
Viewfinder	0.45" 1.22M pixels, 16:9		HDMI output x1
		Audio input	XLR x2 (MIC,+48V/LINE), 3.5mm mini jack x1
		Audio output	AV output (3.5mm mini jack x1)
		Headphone	3.5mm mini jack x1
		Time code link input/output	RCA x1
		Remote	f2.5mm mini jack x1
PROVIDED ACCESSORIES			
			Battery pack x1, AC adapter x1, AV cable x1

*Specifications are tentative and subject to change without notice.*

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