



# GY-HM620

Handheld Mobile News Camera

## ProHD



Camera shown with optional shotgun microphone.

*The GY-HM620 is an advanced handheld ProHD camera that delivers unsurpassed imagery and offers features for news, sports, and independent production. Based on JVC's popular GY-HM600, the new 620 has upgraded CMOS devices for greater sensitivity and a brighter LCD display for outdoor daylight viewing. Versatile and extremely easy to use, there's no better camera for fast paced HD field production.*

### Key Features

- Newly developed 1/3-inch 12-bit CMOS sensors (1920 x 1080 x 3) — **Upgraded Feature!**
- F12 Sensitivity — **Improved!**
- 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
- SDXC/SDHC memory card recording (2 slots for dual-backup, continuous recording)
- Large file size support with SDXC card
- 4 position ND filter (clear, 1/4, 1/16, 1/64)
- 0.45-inch 1.22M pixel color viewfinder
- Upgraded 3.5-inch 920K pixel LCD display
- **Multiple encoding formats:**  
HD MPEG2 (35/25/19Mbps) / AVCHD 1920x1080 60i / SD H.264
- **Wide media format compatibility:**  
.MOV (Final Cut Pro) / .MP4 (XDCAM EX™) / AVCHD

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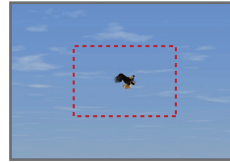
## New High Performance Full HD 1/3-inch CMOS Sensors

At the heart of the GY-HM620 are three, newly designed 1/3-inch CMOS sensors, each capable of capturing full HD 1920 x 1080 resolution images. Offering an excellent sensitivity of F12 (60Hz) /F13 (50Hz) and a remarkable signal-to-noise ratio, the devices provide superior precision and color reproduction.

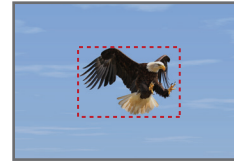
## 23x Fujinon Auto Focus Zoom Lens with Manual Functions

The GY-HM620 is equipped with a Fujinon wide angle 23x zoom lens that delivers superior low-light performance with brightness at the tele end. The lens offers F1.6-3.0, a focal range of 29mm-667mm (35mm equivalent) and includes servo zoom, manual focus, and iris rings, along with a four-position (clear, 1/4, 1/16 and 1/64) ND filter. Other features include an optical image stabilizer, chromatic aberration correction.

Original Image No Zoom (0X)



14X Optical Zoom



23X Optical Zoom



GY-HM620's long zoom range means that you can get shots not possible with other cameras its size.



## Affordable Recording & Storage

The GY-HM620 is designed to create hours of pristine recordings on affordable non-proprietary SDHC media in a variety of image formats. Its dual codec design also allows you to make two copies of your program simultaneously. Dual SDHC/SDXC card slots offer recording and relay recording with reliable and cost-effective media. In relay recording mode, you can shoot continuously and seamlessly over multiple cards.

## Professional Features & Controls

### New Full HD 1/3-inch CMOS Sensors

Three newly developed CMOS sensors offer an excellent sensitivity of F12 (60Hz) /F13 (50Hz).

### Focus Assist

JVC's patented focus assist system highlights the edges of objects in the image to help the operator keep focus.

### New, Brighter 0.45-inch 1.22M pixel Color Viewfinder

A high-resolution LCOS viewfinder with a crisp and detailed 16:9 aspect ratio image.

### Upgraded 3.5-inch 920K pixel LCD Display

The top-mounted position of the high-resolution 3.5-inch LCD monitor is ideal for shooting at various angles in handheld camera applications.

### Fujinon 23x Optical Zoom Lens

Fujinon wide angle 23x zoom lens delivers superior low-light performance.

### Optical Image Stabilizer

The built-in OIS helps to correct lateral and vertical movement of the camera.

### FALCONBRID High Speed Processor

JVC's high-speed processor for advanced video applications achieves stunning image quality with superior processing power on a single chip.

Camera shown with optional shotgun microphone.

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