

JVC GY-HM 100U Public HD Camera

This new camera will only record onto SDHC cards and in High-definition.

With all equipment, do not leave sitting in direct sunlight for an extended amount of time, do not store in extreme temperatures, and do not leave sitting in an unattended car.

Power

OFF:

Standby/On:

Mode: Hold in this position for 3 seconds to switch from video to still image mode.

Press “Snap Shot” button near record button to take a picture.

Lens Cover

Open and close using switch on side of camera lens.

Format Cards

Menu → Media Settings → Format → (select SDHC card slot) → File → Yes

ALWAYS FORMAT A CARD WHEN RECORDING FOR THE FIRST TIME ON IT.

This will erase any data or media that was previously recorded on the card.

Card Select

Press the A/B button to toggle camera from recording on either card A or card B.

If recording on card A and camera runs out of time, the camera will automatically switch to card B.

Record Modes

Always have File Format as MP4, unless editing on mac, then change to MOV.

When editing at CCMC, always use the following System Select & Rec Modes...

System Select: 720 – 60/30

Rec Mode: 1280/30p (HQ) or 1280/30p (SP)

HQ will give you 56 minutes on a 16GB SDHC Card.

SP will give you 1 hour 43 minutes on a 16GB Card.

Full Auto

Toggles full Auto mode or full manual mode on camera.

Time Remaining

Press Index button on viewfinder screen to view record time remaining.

Tells time on both cards left and battery life left.

Battery

Fully Charged Battery = 2 Hours.

Zoom

Pressure sensitive. T zooms in, W zooms out.

Audio

Input1 → Channel 1(left speaker)

Input2 → Ch 2 Input Select (select either input 1 or 2 for right speaker)

Audio Input: Line – Use if other end is not a microphone.

Mic – Use if other end is a microphone.

Mic+48v – Use if other end is a condenser microphone that requires power.

Auto/Manual Level Select.

Recording

Press the red 'REC' button on the right side of the camera near the batter to begin recording.

Press again to stop recording. Unlike camera's that use tape, this camera records all your footage in 'clips', or individual video files on the card. So there is no need to fast forward or rewind to go back and forth between different shots you recorded during the day.

Image Control

ND Filter

Use if in bright sunlight.

Gain

Leave on low (L) when in good lighting. Only increase to medium (M) or high (H) if in very low light.

Focus

Use Focus/Zoom switch to designate lens ring as Focus or Zoom.

AF/MF button changes focus from Automatic to Manual

White Balance

WHT.BAL is a preset for indoor lighting (3200K should be displayed).

B & A are custom presets for you to set.

To White balance on B or A, zoom in on something white that's in direct light and hold down the AWB button beneath the camera lens.

Iris

Press once to turn on (indicator will appear on top left of screen as F and then a number)

When the text is black, use the Adj/Vol knob to raise or lower the number.

Press the Adj/Vol knob in to lock in the number. Text will change from black to white.

Press Iris button again to change again. Press twice to make it disappear (turns iris on auto).

Shutter

Press once to turn on (indicator will appear on top left of screen as a fraction number)

When the text is black, use the Adj/Vol knob to raise or lower the number.

Press the Adj/Vol knob in to lock in the number. Text will change from black to white.

Press Shutter button again to change again. Press twice to make it disappear (turns shutter on auto).

Zebra

This tells you whether or not certain spots of your shot are too bright, or 'over exposed'.

This can be turned on and off by going to Menu\Camera Process\Zebra (on or off).

OIS

This keeps the camera from shaking to much when you go hand held with the camera. It's indicated by the hand with waves coming out the left and right side of it. If it's not on the LCD screen, it's on. If it's on the screen with a line through it, it's off. To turn on and off, go to Menu\Camera Settings\OIS (on or off).

View Captured Footage

Press the 'Cam/Media' button to view footage.

Select clip to view using the analog stick on the viewfinder screen. Push in to select.

While playing back footage, push in again to pause/play, and left or right to rewind or fast forward footage.

Press 'Cam/Media' button again to switch back to camera mode.

Press 'Q. Review' button to quickly play back last recorded clip.

SDHC Cards

HANDLE WITH CARE!

These cards are not extremely expensive, but they aren't cheap either.

Always keep in their case if not in the camera.

There is a Write Protect switch on every SDHC card. Slide down to protect from being recorded on, slide up to allow to record on.



A. Gain. Tells how much gain has been turned on.

B. Manual or Auto Focus

C Recording format chosen to record in.

- D. Time remaining on each card.
- E. Indicates if you are recording or not.
- F. Quick indicator of how much time is left on battery.
- G. Audio levels
- H. White balance setting
- I. Zebra lines. These indicate over exposed areas in your video. If people's faces have zebra's on them, consider turning on the ND filter or manually lowering your iris. If zebra's are completely covering your subjects, your footage will be un-fixable in post production.