



GC-PX100BUS

HD Memory Camera

www.jvc.com



Key Features

This flagship camcorder aimed at video enthusiasts can shoot Full HD 1920x1080/60p video at 36Mbps. It can also be used for high-speed capture (120fps - 600fps) for motion analysis or special effects. Equipped with F1.2 lens, O.I.S. and 1/2.3 12.8 megapixel Back-illuminated CMOS Sensor. Wi-Fi connectivity allows for wireless transfer/viewing on mobile devices, and when used together with dedicated free mobile apps, this camcorder is ideal for sports coaching.

SYSTEM

Storage Media	SDXC/SDHC/SD Memory Card* (not provided)
Format	[MOV] Video: MPEG-4 AVC/H.264, Audio (2ch): LPCM [MP4] Video: MPEG-4 AVC/H.264, Audio (2ch): AAC [iFrame] Video: MPEG-4 AVC/H.264, Audio (2ch): AAC [AVCHD] Video : MPEG-4 AVC/H.264, Audio (2ch): Dolby Digital

CAMERA / LCD

Image Sensor	1/2.3-inch 12.8M Back-illuminated CMOS
Lens	JVC HD GT LENS, F1.2, 29.5mm Wide
Filter Diameter	46.0mm
Zoom Ratios	Optical: 10x Digital: 64x (max.) Dynamic: 19x (In 720p mode)
Camera Shake Compensation	Optical Image Stabilizer (O.I.S.) and Advanced Image Stabilizer (A.I.S.)
LCD	Tilttable 460K-pixel 3.0-inch wide, touch panel operation

RECORDER

Video Recording Modes	MOV: 1920x1080/60p, 40Mbps (Video: 36Mbps, Audio: 4Mbps) MP4: 1920x1080/60p, 36Mbps / 1280x720/60p, 16Mbps iFrame: 1280x720/30p, 36Mbps AVCHD Progressive: 1920x1080/60p, 28Mbps AVCHD: 1920x1080/60i, 17Mbps/5Mbps
Still Image Sizes	MP4 (High Speed) 120/240/300fps: 640x360, 420/600fps: 320x176 [4:3] 4000x3000 (Ultra Resolution) / 2816x2112 / 2048x1536 / 640x480 [16:9] 1920x1080 [Stills in Video Mode (16:9)] 1920x1080 / 1280x720

INTERFACES

Terminals	HDMI® Out (Mini), AV/Headphone Out, USB2.0, Mic In (Plug-in power), DC In
Others	Accessory Shoe for external Mic, light, etc. Hot Shoe for electronic viewfinder (optional)

GENERAL

Power Consumption	Approx. 4.4W
Dimensions (WxHxL)	4-3/8" x 3" x 7-1/4" (110mm x 76mm x 183mm)
Weight	1.2lbs (500g) without battery, 1.3lbs (585g) with battery

* To record video, SDHC/SDXC card with Class 4 or higher performance is required. For MOV/MP4 1080p/iFrame/AVCHD 60p mode, please use Class 6 or higher (Class 10 recommended). Digital stills can be recorded on SD, SDHC or SDXC cards. SD memory cards (256MB to 2GB), SDHC memory cards (4GB to 32GB) and SDXC memory cards (48GB to 128GB) have been tested for the following brands: Panasonic, Toshiba, SanDisk. UHS Speed Class is not supported, but UHS-I SDHC/SDXC cards can be used in the same manner as standard SDHC/SDXC cards. Note that using other media may result in recording failure or data loss. For compatibility of memory cards, please consult an authorized JVC dealer.

Recording times for each mode and number of storable still images (approx.)

Video

	Mode	SDXC/SDHC Card			
		128GB	64GB	32GB	16GB
MOV	1920x1080/60p	7hr	3hr 30min	1hr 40min	50min
MP4	1920x1080/60p	7hr 50min	3hr 50min	2hr	55min
	1280x720/60p	23hr 50min	11hr 20min	5hr 40min	2hr 50min
iFrame	1280x720/30p	8hr	4hr	2hr	1hr
AVCHD	1920x1080/60p	10hr 10min	5hr	2hr 30min	1hr 10min
	1920x1080/60i (XP)	16hr 20min	8hr 10min	4hr	2hr
	1920x1080/60i (EP)	57hr 50min	28hr 50min	14hr 40min	7hr 10min
High Speed	120fps (640x360)	33hr 30min	16hr 40min	8hr 30min	4hr 10min
	240fps (640x360)	16hr 40min	8hr 20min	4hr 10min	2hr
	300fps (640x360)	13hr 20min	6hr 40min	3hr 20min	1hr 40min
	420fps (320x176)	62hr 10min	31hr	15hr 40min	7hr 40min
	600fps (320x176)	43hr 30min	21hr 40min	11hr	5hr 20min

Stills

4:3, 4000x3000 (12M)	9999	9000	4500	2200
----------------------	------	------	------	------

Stills during Video mode

16:9, 1920x1080 (2M)	9999	9999	9999	5200
----------------------	------	------	------	------

Speed modes and number of images for Continuous Still Recording

Speed Mode	Continuous Stills
High	60fps, up to 115 images
Mid 1	30fps, up to 115 images
Mid 2	15fps, up to 115 images
Mid 3	7fps, up to 115 images
Low	2fps, no limit

MediaBrowser SE for JVC (Windows®) Software System Requirements

- OS** Microsoft® Windows® XP SP3, Home Edition/Professional (pre-installed)
Microsoft® Windows Vista® SP2, Home Basic/Home Premium (32-bit/64-bit, pre-installed)
Microsoft® Windows® 7 SP1, Home Premium (32-bit/64-bit, pre-installed)
- CPU** Intel® Core™ Duo 1.66GHz or higher(Intel® Core™ 2 Duo 2.13GHz or higher recommended)
*Intel® Core™ i7 2.53GHz or higher is recommended to use MP4/MOV/AVCHD Progressive files and edit video files.
- RAM** Windows® XP: 1GB or higher, Windows Vista®/Windows® 7: 2GB or higher
- GPU** 1024x768 pixels, 16-bit (Hi-color) or more
(1280x1024 pixels, 32-bit or more, Intel® G965 (on-board VGA) or higher recommended)
Software for Macintosh is not included. The applicable software is required.
- Note** The system requirements information above is not a guarantee that the provided software will work on all personal computers meeting those requirements.