

		LEGRIA HF G40
<b>VIDEO SYSTEM</b>		
Recording Formats		MP4 / AVCHD
Recording Medium		SDXC / SDHC / SD (2 slots) double slot recording Relay recording
Max Recording Time		Variable total, depending on memory card size <sup>1</sup> 64GB SDXC card: 24hrs 30mins <sup>2/3</sup> (not supplied)
<b>SENSOR</b>		
Type		1/2.84 Type Advanced HD CMOS PRO
Total Pixels		3.09MP (2208x1398)
Effective Pixels: Movie		2.91MP (2136x1362)
Effective Pixels: Still		2.07 megapixels (16:9)
Filter		RGB Primary Colour Filter
<b>LENS</b>		
Optical Zoom		20x
Digital Zoom		400x
Focal Length		3.67 - 73.4mm
35mm Equivalent Focal Length		26.8 - 576 (without Dynamic IS) 28.8 - 576 (with Dynamic IS)
Maximum Aperture		f1.8 - f2.8
Aperture Type		8 Blade Circular Diaphragm
Minimum focusing distance		10mm
Image Stabilizer		Optical Image Stabiliser, Intelligent IS
Filter diameter		58mm
Teleconverter Attachment		Optional TL-H58
Wide Attachment Accessory		Optional WD-H58 (not included)
Wide Attachment Included		No
Lens Cover		Included cap, plus integrated cover on lens hood
<b>IMAGE PROCESSOR</b>		
Image Processor		DIGIC DV 4
Face Detection Technology		Yes
<b>SCREEN</b>		
Screen size		3.5" (8.77cm), 100% view
Vari-Angle		Yes
Pixels		1.23m dots equivalent
Touchscreen		YES - Capacitive type Organic LED panel
Touch Tracking		Yes
Touch Focus		Yes
Touch Exposure		Yes
Manual adjustment		Colour balance, brightness standard/high
<b>WI-FI FUNCTION</b>		
Wireless Bands		2.4GHz / 5GHz <sup>4</sup>
Remote Control & Streaming		Yes
Movie Uploader		Yes
Playback via browser		Yes
Media Server		Yes
Web Service		Yes
<b>GPS SUPPORT</b>		
GPS Support		Yes (via accessory GP-E2, not included)
<b>BABY MODE</b>		
Baby Mode		
<b>EXTERNAL HDD STORAGE</b>		
Direct storage to external HDD		No
<b>VIEWFINDER</b>		
Screen Size		0.24" (0.61cm), 100% view
Pixels		1.56m dots equivalent
<b>MINIMUM ILLUMINATION</b>		
Minimum Lux.		1 lux
Night Mode		Low Light (0.1 lux)
Auto Gain Control Limit Adjustment		Yes
<b>FOCUS</b>		
Auto/Manual Control		Yes / Yes Auto: Face Detection AF Face Only AF Instant AF Medium AF TV AF Manual: Lens Ring Touchscreen LCD Focus Preset
Manual Focus Assist		Peaking, Magnification
<b>CREATIVE FEATURES</b>		
Slow Motion Recording		1/2 speed
Fast Motion Recording		2x, 4x, 10x, 20x, 60x, 120x, 1200x
Video Snapshot		Yes, select from 2, 4, or 8 seconds
Touch Decorations		No
Story Creator		No
Cinema-Look Filters		Yes, Cinema Standard, Vivid, Dream, Cool, Sepia, Old Movies, Memory
<b>AE MODE</b>		
Smart Auto Program AE		Yes Manual Mode: P, Tv, Av, M Scenes - Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks Cinema Mode: P, Tv, Av, M
Zebra		Yes
<b>BACKLIGHT COMPENSATION</b>		
Backlight Compensation		Yes (auto or user controlled)
<b>WHITE BALANCE</b>		
Type		FAWB
Auto		Yes
Set/Presets		Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature
Auto Adjustment Range		2,800K to 8,000K
<b>SHUTTER SPEED</b>		
Maximum		1/2000 sec
Slow		1/6 sec

IMAGE QUALITY ADJUSTMENT		
	Image Effects Custom Functions	Standard, Wide DR, Highlight Priority Brightness, Contrast, Sharpness, Colour Depth
CUSTOM CONTROL		
	Custom Control	5 buttons plus dial
STILL IMAGE		
	Capture Image Size Simultaneous Photo Recording Photo Button	1920x1080 (not cinema mode) Yes Touchscreen LED
REC. REVIEW/REC. SEARCH		
	Rec. Review	Yes
RECORDING MODE		
	Recording Format Recording Mode	MP4 and AVCHD AVCHD <sup>5/6</sup> 1920x1080 50p 28Mbps 1920x1080 50i/25p 24Mbps 17Mbps 1440x1080 50i/25p 5Mbps MP4 <sup>5/6</sup> 1920x1080 50p 35Mbps 1920x1080 25p 24Mbps, 17Mbps 1280x720 25p 4Mbps 640x360 25p 3Mbps
	Progressive Shooting Mode Slow and Fast Motion Recording Multi Directional Inverted Video Snapshot Pre REC Colour Bars and Test Tone Timecode Support	50p, 25p Yes Yes Yes (during recording) Yes Off/EBU/SMPTE Rec Run/Free Run
MEMORY CARD		
	Secure Digital Card Movie Recording Internal Data Transfer	SD / SDHC / SDXC Yes Yes, card A to B
AUDIO		
	Microphone Type System	Stereo Electret Condenser Mic Dolby Digital 2ch (AC-3 2ch) 5.1ch surround sound (via Optional SM-V1 microphone)
	Audio Scene Select Zoom Microphone Manual Rec. Level Control Audio Adjustments	Yes Yes (customisable frequency response and directionality) Yes Built in: Mic Wind Screen, Mic Attenuate, Mic Frequency Response, Directionality Input Jack: Mic Attenuate, Mic Low Cut,
	Audio Mix	Internal mic with external input
TERMINAL		
	Headphone Microphone USB AV Component HDMI	Yes Yes Yes (Mini B, USB 2.0 Hi-Speed) Yes (output only) No Yes (HDMI Mini Connector: v1.3, output only, CEC supported)
	Built-in Charger Memory Card DC In Tripod Mount	Yes Yes Yes Yes
ACCESSORY SHOE		
	Accessory Shoe	Yes (cold shoe and mini Advanced Accessory Shoe)
PC CONNECTION KIT		
	Application Software USB Cable	Yes Yes
WIRELESS REMOTE CONTROL		
	Wireless Remote Control	Yes
BATTERY PACK		
	Type Intelligent Battery System Battery Included in the Kit Max Recording Time (Included Battery) Long Life Battery Longer Recording Time	Lithium Ion Yes BP-820 3hrs BP-828 4hrs 35mins <sup>7</sup>
DIMENSIONS		
	W x H x D Weight	115 x 84 x 231mm (with lens hood) 900g (with lens hood and battery)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.  
Subject to change without notice.

[1] Class 6 or higher SDHC card recommended for 50P recording, Class 4 or higher SDHC card recommended for 24Mbps/17Mbps modes, Class 2 or higher SDHC card

[2] Lowest Mbps recording mode

[3] Recording for more than 12 hours continuously is not possible

[4] 5GHz band not supported in Qatar and Indonesia

[5] Variable bit rate used in all recording modes

[6] Class 6 or higher SDHC card recommended for 50P recording, Class 4 or higher SDHC card recommended for 24Mbps/17Mbps modes, Class 2 or higher SDHC card recommended for other recording modes, Memory card not supplied

[7] Normal LCD brightness and optional long life BP