

LEGRIA HF R48	
<b>Video System</b>	
<b>Recording Formats</b>	AVCHD/MP4 Simultaneous recording possible
<b>Recording Medium</b>	32GB built-in flash memory SDXC/SDHC/SD memory card Relay recording possible
<b>Max Recording Time*</b>	Variable total, depending on memory card size <sup>5</sup> Internal memory: AVCHD mode, 12hrs 15mins <sup>7</sup> MP4 mode: 17hrs 20mins <sup>8</sup>  64GB SDXC card (not supplied): AVCHD mode, 24hrs 30mins <sup>7</sup> MP4 Mode, 34hrs 45mins <sup>8</sup>
<b>Sensor</b>	
<b>Type</b>	1/4.85" CMOS
<b>Total pixels</b>	3.28 megapixel
<b>Effective Pixels: Movie</b>	2.07 megapixels <sup>3, 4</sup>
<b>Effective Pixels: Still</b>	2.07 megapixels (16:9)
<b>Filter</b>	Bayer pattern filter
<b>Lens</b>	
<b>Advanced Zoom</b>	53x
<b>Optical Zoom</b>	32x
<b>Digital Zoom</b>	1060x
<b>Digital Tele-converter</b>	
<b>Focal length</b>	2.8mm - 89.6mm
<b>35mm Equivalent Focal Length</b>	38.5mm - 1232mm
<b>Maximum aperture</b>	f1.8 to 4.5
<b>Minimum focusing distance</b>	10mm
<b>Image Stabilizer</b>	Optical Image Stabiliser: Intelligent IS with Advanced Dynamic Mode
<b>Filter diameter</b>	None
<b>Wide Attachment</b>	NO
<b>Image Processor</b>	
<b>Image Processor</b>	DIGIC DV 4
<b>Face Detection Technology</b>	YES
<b>LCD</b>	
<b>Screen size</b>	7.5cm (3.0") Touchscreen LCD, 100% view
<b>Pixels</b>	230,000 dots
<b>Touchscreen LCD</b>	YES - capacitive type touch panel
<b>Manual adjustment</b>	Brightness, backlight
<b>Multi image screen</b>	
<b>Temporary underscan</b>	
<b>Wi-Fi Function</b>	
<b>Wi-Fi Function (wireless LAN, DLNA supported)</b>	YES
<b>Baby Mode</b>	
<b>Baby Mode</b>	YES
<b>External HDD storage</b>	
<b>Direct storage to external HDD</b>	YES
<b>Viewfinder</b>	
<b>Screen size</b>	NO
<b>Pixels</b>	NO
<b>Minimum illumination</b>	
<b>Minimum Lux.</b>	4 lux
<b>Night Mode</b>	Low Light (0.4 lux)
<b>Super Night Mode</b>	
<b>Auto Gain Control limit adjustment</b>	NO
<b>Focus</b>	
<b>Auto/Manual</b>	YES / YES
<b>Control</b>	AUTO: Face Detection AF / TV AF MANUAL: Touchscreen LCD, Touch Focus
<b>Manual Focus Assist</b>	YES (Magnification)
<b>Creative Features</b>	
<b>Creative Features</b>	Cinema-Look Filters Touch Decoration
<b>AE Mode</b>	
<b>Smart AUTO</b>	YES (38 scenes)
<b>Program AE</b>	AUTO; M mode: P, SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P Baby Mode
<b>Zebra</b>	NO
<b>Backlight Compensation</b>	
<b>Backlight Compensation</b>	YES (automatic or user control)
<b>White balance</b>	
<b>Type</b>	TTL
<b>Auto</b>	YES

Set/Presets	YES: Daylight, Tungsten
Lock	
Shutter speed	
Maximum	1/2000th sec.
Slow	1/2 sec.
Digital Effect	
Fade	Auto Fade, Wipe
Effect	NO
Image Quality Adjustment	
Image Effects	NO
Custom Functions	NO
Custom Control	
Custom Control	YES (Touch panel operations)
Still Image	
Capture image size	1920 x 1080 (not Cinema mode)
Continuous shooting mode	NO
Auto Exposure Bracketing	NO
Simultaneous Photo Recording	YES
Selecting AF Frame Function	NO
Histogram	NO
Photo Button	Touchscreen LCD
Photo Burst	NO
Self timer	
Self timer	10 sec
REC. review/REC. search	
REC. review/REC. search	NO/NO
Recording mode	
LP mode	<p>Four AVCHD recording quality modes.<sup>6</sup>  50P: 1920 x 1080, 28Mbps;<sup>5</sup>  MXP 50i: 1920x1080, 24Mbps;  FXP 50i: 1920x1080, 17Mbps;<sup>5</sup>  LP 50i: 1440x1080, 5Mbps</p> <p>Four MP4 quality recording modes  50p: 1920 x 1080, 35Mbps;  25p: 1920 x 1080, 24Mbps,  25p: 1920 x 1080, 17Mbps,  25p: 1280 x 720, 4Mbps</p>
Extended Recording mode (ELP mode)	-
Progressive shooting mode	YES (25p)
x.v.Color	NO
Video Snapshot	YES
Pre REC	YES
Dual Shot	NO
Pre REC	NO
Colour Bars and Test Tone	NO
Search	
Still image	NO
Date	YES
Memory Card	
Multi Media Card	NO
Secure Digital Card	SD / SDHC / SDXC
Movie Recording	YES
Internal Data Transfer	MOVIE: Yes (internal memory to card) STILLS: Yes (internal memory to card)
Audio	
System	Dolby Digital 2ch (AC-3 2ch)
Audio Scene Select	YES
Zoom Microphone	NO
Manual Rec. level control	YES
Audio Dubbing	
Terminal	
Headphone	YES
Microphone	NO
USB	YES (Mini-AB, USB 2.0 Hi-Speed, <b>output only</b> )
DV	NO
Direct Print	NO
Analogue-in	NO
AV	YES (output only)
S-video	NO
Component	NO
HDMI	YES (HDMI™ Mini Connector: <b>output only</b> )
LANC	NO
HD-SDI / SD-SDI output	
Timecode I/O (switchable)	
Gen lock input	
Built-in charger	YES
Quick Start	
Quick Start	YES (using LCD screen)
Accessory shoe	
Accessory shoe	NO

<b>Built-in Video light</b>	
Built-in Video light	NO
<b>Built-in Flash</b>	
Built-in Flash	NO
<b>PC Connection kit</b>	
<b>DV Network Solution Disk</b>	NO
<b>Application software</b>	YES
<b>USB cable</b>	YES
<b>Web</b>	
<b>Easy Web Upload</b>	YES
<b>Convert to MP4</b>	YES
<b>HD -&gt; SD conversion</b>	NO
<b>Wireless controller</b>	
Wireless controller	NO
<b>Battery Pack</b>	
<b>Type</b>	Lithium Ion
<b>Intelligent Battery System</b>	YES
<b>Battery included in the kit</b>	BP-718
<b>Max recording time (included battery)</b>	1h 45mins
<b>Long life Battery</b>	BP-727
<b>Longer recording time**</b>	3hrs
<b>Dimensions</b>	
<b>W x H x D</b>	53 x 57 x 116mm
<b>Weight</b>	235g

**Disclaimers**

1(\*): LP recording mode

2(\*\*): Normal LCD brightness and optional long life BP

3: Advanced Zoom ON, 16:9 recording mode, wide end

4. Image Stabiliser mode set to Standard or Off

5. Class 4 or higher SDHC card required for 1920x1080 recording; Class 2 or higher SDHC card recommended for other recording modes; Memory card not supplied

6. Variable bit rate used in all recording modes

7. Recording for more than 12 hours continuously is not possible

8. Max recording time for MP4 is 30 mins and the max file size is 4GB, when either of these conditions are met recording will stop automatically

Specifications are subject to change without notice