

| LEGRIA HF R46 | |
|---|---|
| Video System | |
| Recording Formats | AVCHD/MP4 Simultaneous recording possible |
| Recording Medium | 8GB built-in flash memory SDXC/SDHC/SD memory card Relay recording possible |
| Max Recording Time* | Variable total, depending on memory card size ⁵ Internal memory: AVCHD mode, 3hrs ⁷ MP4 mode: 4hrs 20mins ⁸ 64GB SDXC card (not supplied): AVCHD mode, 24hrs 30mins ⁷ MP4 Mode, 34hrs 45mins ⁸ |
| Sensor | |
| Type | 1/4.85" CMOS |
| Total pixels | 3.28 megapixel |
| Effective Pixels: Movie | 2.07 megapixels ^{3, 4} |
| Effective Pixels: Still | 2.07 megapixels (16:9) |
| Filter | Bayer pattern filter |
| Lens | |
| Advanced Zoom | 53x |
| Optical Zoom | 32x |
| Digital Zoom | 1060x |
| Digital Tele-converter | |
| Focal length | 2.8mm - 89.6mm |
| 35mm Equivalent Focal Length | 38.5mm - 1232mm |
| Maximum aperture | f1.8 to 4.5 |
| Minimum focusing distance | 10mm |
| Image Stabilizer | Optical Image Stabiliser: Intelligent IS with Advanced Dynamic Mode |
| Filter diameter | None |
| Wide Attachment | NO |
| Image Processor | |
| Image Processor | DIGIC DV 4 |
| Face Detection Technology | YES |
| LCD | |
| Screen size | 7.5cm (3.0") Touchscreen LCD, 100% view |
| Pixels | 230,000 dots |
| Touchscreen LCD | YES - capacitive type touch panel |
| Manual adjustment | Brightness, backlight |
| Multi image screen | |
| Temporary underscan | |
| Wi-Fi Function | |
| Wi-Fi Function (wireless LAN, DLNA supported) | YES |
| Baby Mode | |
| Baby Mode | YES |
| External HDD storage | |
| Direct storage to external HDD | YES |
| Viewfinder | |
| Screen size | NO |
| Pixels | NO |
| Minimum illumination | |
| Minimum Lux. | 4 lux |
| Night Mode | Low Light (0.4 lux) |
| Super Night Mode | |
| Auto Gain Control limit adjustment | NO |
| Focus | |
| Auto/Manual | YES / YES |
| Control | AUTO: Face Detection AF / TV AF MANUAL: Touchscreen LCD, Touch Focus |
| Manual Focus Assist | YES (Magnification) |
| Creative Features | |
| Creative Features | Cinema-Look Filters Touch Decoration |
| AE Mode | |
| Smart AUTO | YES (38 scenes) |
| Program AE | AUTO; M mode: P, SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P Baby Mode |
| Zebra | NO |
| Backlight Compensation | |
| Backlight Compensation | YES (automatic or user control) |
| White balance | |
| Type | TTL |
| Auto | YES |

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| 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.⁶ 50P: 1920 x 1080, 28Mbps;⁵ MXP 50i: 1920x1080, 24Mbps; FXP 50i: 1920x1080, 17Mbps;⁵ 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, output only) |
| DV | NO |
| Direct Print | NO |
| Analogue-in | NO |
| AV | YES (output only) |
| S-video | NO |
| Component | NO |
| HDMI | YES (HDMI™ Mini Connector: output only) |
| 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 |

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|--|-----------------|
| Built-in Video light | |
| Built-in Video light | NO |
| Built-in Flash | |
| Built-in Flash | NO |
| PC Connection kit | |
| DV Network Solution Disk | NO |
| Application software | YES |
| USB cable | YES |
| Web | |
| Easy Web Upload | YES |
| Convert to MP4 | YES |
| HD -> SD conversion | NO |
| Wireless controller | |
| Wireless controller | NO |
| Battery Pack | |
| Type | Lithium Ion |
| Intelligent Battery System | YES |
| Battery included in the kit | BP-718 |
| Max recording time (included battery) | 1h 45mins |
| Long life Battery | BP-727 |
| Longer recording time** | 3hrs |
| Dimensions | |
| W x H x D | 54 x 57 x 116mm |
| Weight | 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