

| <b>LEGRIA GX10</b>                                  |  |
|---|--|
| <b>Internal Recording</b>                           |  |
| Standard  | MP4  |
| Compression Format                                  | MPEG-4 AVC / H.264   |
| Audio Format  | MPEG-4 AAC-LC (16bit 2CH)  |
| Audio Sampling Frequency                            | 48KHz  |
| Colour Sampling                                     | YCC420   |
| Frame Rates   | 50p / 25p  |
| Bit Depth   | 8 bit  |
| Resolution & Bit Rate                               | 3840x2160 (150Mbps), 1920x1080 (35/17Mbps), 1280x720 (8Mbps @ 50p / 4Mbps @ 25p)   |
| <b>Simultaneous Internal and External Recording</b> |  |
| Colour Sampling                                     | YCC422*  |
| Frame Rates   | 50p / 25p**  |
| Bit Depth   | 8 bit  |
| Resolution  | Internal: 3840x2160, HDMI: 3840x2160 / 1920x1080, Internal: 1920x1080, HDMI: 1920x1080 / 720x576, Internal: 1280x720, HDMI: 1280x720 / 720x576 |
| <b>External Recording Only</b>                      |  |
| Colour Sampling                                     | YCC422***  |
| Frame rates   | 50p / 25p  |
| Bit Depth   | 8 bit @ 3840x2160, 10 bit @ 1920x1080  |
| Resolution  | 3840x2160, 1920x1080   |
| <b>Slow and Fast Motion Recording</b>               |  |
| Fast Motion   | 2x, 4x, 10x, 60x, 120x, 600x, 1200x @50p   |
| Slow Motion   | 0.5x (3840x2160 @ 25p, 1920x1080 / 1280x720 @ 50p/25p), 0.25x (1920x1080 / 1280x720 only)  |
| <b>Photo</b>  |  |
| Standard  | DCF, Exif Ver2.3 compliant   |
| Compression Format                                  | JPEG   |
| Resolution  | Same as video mode   |
| <b>Recording Media</b>                              |  |
| Speed   | Minimum Class 6 recommended. Class U3 recommended for 150Mbps and Slow & Fast Motion recording   |
| Number of Slots                                     | 2  |
| File System   | FAT32 / exFAT  |
| Maximum File Count                                  | Approx 450,000   |
| Maximum Continuous Recording Time                   | 12 hours   |
| <b>Sensor</b>                                       |  |
| Type  | 1.0-Type CMOS  |
| Total Pixels  | Approx 13.4MP (4268x3148)  |
| Effective Pixels                                    | Approx 8.29MP (3840x2160)  |
| Pixel Pitch   | 3.2x3.2µm  |
| Filter  | RGB Primary Colour Filter  |
| System Frequency                                    | 50Hz   |
| Scanning System                                     | Progressive  |
| Minimum Illumination                                | 1.4 lux  |
| Low Light Mode                                      | 0.1 lux  |
| <b>Image Processor</b>                              |  |
| Type  | Dual DIGIC DV 6  |

| <b>Lens</b>                    |  |
|--------------------------------|--|
| Focal Length                   | 8.3 - 124.5mm  |
| 35mm Equivalent                | 25.5 - 382.5mm   |
| Zoom Ratio                     | 15x  |
| Maximum Aperture               | f/2.8-4.5  |
| Minimum Aperture               | f/11   |
| Lens Configuration             | 14 groups of 18 elements (double aspherical and single Hi-UD lenses)   |
| Aperture Construction          | 9 blade iris   |
| ND Filter                      | 3 densities, turret switched, motor driven. ND1/4, ND1/16, ND/64   |
| Focus Adjustment               | Inner focus  |
| Minimum Subject Distance       | 10mm at wide end, 60cm across range  |
| Lens Ring                      | Switchable between Focus and Zoom  |
| Zoom Speed                     | Adjustable, Variable or Constant   |
| Filter Diameter                | 58mm   |
| Lens Converters                | Optional TL-U58 1.5x Teleconverter, Optional WA-U58 0.8x Wide Attachment   |
| Lens Hood                      | Supplied   |
| Lens Cap                       | Supplied   |
| Digital Zoom                   | 300x, manual mode only   |
| Digital Teleconverter          | 2x, cannot be used with digital zoom   |
| Image Stabilizer               | 5-Axis with Optical lens shift and electronic pitch, yaw, roll   |
| Image Stabilizer Control Modes | Dynamic IS (optimised for wide angle), Powered IS (optimised for telephoto), Standard, Off   |
| <b>Exposure Control</b>        |  |
| Shooting Modes                 | Auto, P (program), Tv (shutter speed priority), Av (aperture priority), M (manual), SCN (scene)  |
| Scene Modes                    | Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks  |
| Metering System                | Auto, P, Av, Tv, Portrait, Sports, Low Light: Centre-weighted average metering; Snow, Beach, Sunset, Spotlight, Night: Segment evaluative metering; Fireworks, Fixed exposure (1/50 sec), M: No metering |
| Exposure Compensation          | Highlight AE, Exposure lock  |
| Exposure Compensation Amount   | +/-3 stop when locked, +/-2 stop in Auto. Half stop increments   |
| Auto Backlight Compensation    | Yes  |
| Forced Backlight Compensation  | Yes, except in Auto, Fireworks, and Wide DR  |
| Auto Gain Control Limit        | Manual: 0-29dB in 1dB increments, 1/4 speed Slow Motion: 9-29dB in 1dB increments, Wide DR: 9-29dB in 1dB increments, 1/4 speed Slow Motion and Wide DR: 18-29dB   |
| Face Priority                  | Yes  |
| Shutter Speed Range            | 1/2 to 1/2000 sec in M and Tv modes. Other modes vary to optimise scene  |
| Gain Range                     | 0-42dB (9-42dB in Wide DR) in 1dB increments.  |
| Zebra Pattern                  | 70% or 100%  |

| <b>Focusing</b>             |   |
|-----------------------------|---|
| Systems                     | Dual Pixel CMOS AF across 80% horizontal, 80% vertical field of view, Contrast AF |
| AF modes                    | Continuous AF, AF boosted MF, Manual  |
| AF Operating Range          | 10mm - infinity (wide angle), 60cm - infinity (across zoom range)                 |
| AF Illumination Range       | 50 lux - 100,000 lux  |
| AF Frame Sizes              | Auto, Large, Small, Touch   |
| Face Detection and Tracking | Up to 9 faces can be detected, one face or non-human subject can be tracked       |
| Focus Guide                 | In manual focus, indicates focus direction for tracked objects                    |
| Face Only AF                | Available   |
| Focus Preset                | Available   |
| Focus Ring                  | User selectable direction and sensitivity   |
| Display Zoom                | 2x  |
| Peaking                     | Available in black and white and colour   |
| Distance Display            | Meters or feet  |
| <b>Viewfinder</b>           |   |
| Angle Adjustment            | Up to 45° upward  |
| Screen Size                 | 0.24" (0.61 cm)   |
| Resolution                  | 1.56 million dot equivalent   |
| Eyesight Adjustment         | +2 to -5 diopter  |
| Field of View Coverage      | 100%  |
| Eyecup                      | Supported   |
| Brightness Adjustment       | Available   |
| <b>Display</b>              |   |
| Type                        | Wide LCD supporting wide colour range   |
| Touchscreen                 | Electrostatic capacitance system  |
| Coating                     | Anti-reflective   |
| Size                        | 3.5" (8.9cm)  |
| Resolution                  | Approx 1.56 million dots  |
| Vari-Angle                  | Yes   |
| Field of View Coverage      | 100%  |
| Brightness Adjustment       | Available   |
| <b>White Balance</b>        |   |
| Type                        | FAWB  |
| Modes                       | Auto, Daylight, Tungsten, Colour Temperature (K), User setting (x2)               |
| Colour Temperature Range    | 2,000K to 15,000K   |
| <b>Looks</b>                |   |
| Types                       | Standard (300% DR), Wide DR (800% DR), Monochrome                                 |
| Adjustments                 | Sharpness, Contrast (except Wide DR mode), Colour Depth (except Monochrome mode)  |

| <b>Audio</b>                          |  |
|---------------------------------------|--|
| Built in Microphone                   | Stereo Electret Condenser with adjustable frequency response and windscreen  |
| Built in Microphone Directionality    | Mono, Normal, Wide   |
| Microphone Input                      | 3.5mm stereo mini-jack, Canon Mini Advanced Shoe   |
| Attenuator                            | -20dB  |
| Limiter                               | Available  |
| Compressor                            | High, Low, Off   |
| Microphone Input Low Cut              | 200Hz, on or off   |
| Microphone Input ALC link             | on or off  |
| Headphone Output                      | 3.5mm stereo mini-jack, adjustable volume  |
| Internal Speaker                      | Yes, adjustable volume   |
| HDMI Audio Output                     | Yes  |
| Notification Sounds                   | Adjustable   |
| Audio Scenes                          | Standard, Music, Festivals, Speech, Meeting, Forest and Birds, Noise Suppression   |
| Input Impedence                       | 5k $\Omega$  |
| Input Sensitivity                     | -65dBV with mic, -30dBV with line (control at auto position, -12dB full scale)   |
| Output Impedence                      | 100 $\Omega$   |
| Output Signal level                   | -29dBV (with 16 $\Omega$ load at maximum volume)   |
| <b>Networking</b>                     |  |
| Wireless Bands                        | 2.4GHz (IEEE 802.11b/g/n), 5GHz (IEEE 802.11a/n)****   |
| Transmission Frequencies and Channels | 2.4GHz: 2412 - 2472MHz 1-13ch. 5GHz: varies by destination country   |
| Connection Method                     | Infrastructure mode, Camera Access Point   |
| Setting Method                        | WPS (push button / PIN code), manual, search   |
| Encryption                            | WEP / TKIP / AES   |
| IP Address Settings                   | Auto (DHCP / AutoIP auto switching), Manual (IP address, subnet mask, default gateway, priority DNS server, substitute DNS server) |
| Browser Remote                        | With compatible iOS and Android devices  |
| FTP Transfer                          | Yes (movie only)   |
| <b>Other</b>                          |  |
| Timecode Drop Frame                   | On or off  |
| Timecode Count-up systems             | Regen, Rec Run, Free Run   |
| Date and Time                         | Selectable, World Clock support  |
| Camera Data Recording                 | Shutter speed, aperture, gain, and others can be stored with recording   |
| Remote Control                        | In camera and playback modes   |
| Onscreen Markers                      | Level, Grid, in white or grey  |
| Pre Rec                               | Available, records 3 seconds before record button is pressed   |
| Custom Key & Dial                     | Tv, Av, M, AGC limit, Exposure Compensation  |
| Colour Bars                           | EBU or SMPTE   |
| Test Tone                             | 1KHz, -12/-18/-24dB selectable   |
| Assignable Buttons                    | 5  |
| Dual Recording                        | Yes  |
| Relay Recording                       | A to B or B to A   |
| GPS Receiver                          | Optional GP-E2 can add latitude, longitude, altitude to recordings and set clock to UTC  |
| Power Saving Mode                     | Yes  |
| Software                              | Data Import Utility  |
| Shoe                                  | Cold shoe, Canon Mini Advanced Shoe  |
| Tripod Mount                          | 1/4-20 UNC   |

| <b>Playback</b>                  |   |
|----------------------------------|---|
| Fast Forward/Rewind              | Approx 5x, 15x, 50x   |
| Slow Forward/Rewind              | Approx 0.25x, 0.5x  |
| Single Frame Movement            | Yes, single frame or single GOP   |
| Rec Review                       | Yes   |
| Trimming                         | Yes, save as new or overwrite   |
| Copy                             | Between cards or to computer via USB  |
| <b>Output terminals</b>          |   |
| HDMI                             | Mini connector, function display and timecode on/off  |
| USB                              | Hi-Speed USB Compliant mini-B   |
| Remote                           | 2.5mm Stereo Mini-Jack  |
| <b>Power</b>                     |   |
| DC Input                         | Yes   |
| Built in Battery Charger         | Yes   |
| Battery Type                     | Lithium Ion   |
| Intelligent Battery System       | Yes   |
| Recording with BP-828 (supplied) | Up to 95 minutes  |
| Playback with BP-828 (supplied)  | Up to 240 minutes   |
| <b>Physical Specifications</b>   |   |
| Dimensions                       | Approx 135 x 97 x 214mm (excluding grip belt); Approx 150 x 97 x 267 (including lens hood and battery, excluding grip belt) |
| Weight                           | Approx 1140g (body only, including grip belt); Approx 1335g (including grip belt, lens hood, BP-828 and 1 memory card)      |
| Operating Environment            | For performance: Approx 0 to 40°C, 85% relative humidity; For operation: Approx -5 to 45°C 60% relative humidity            |
| *                                | Not available in 3840x2160 @ 50p, 3840x2160 Slow Motion or 1280x720 Slow Motion   |
| **                               | HDMI output of 720x576 is 50p only  |
| ***                              | Not available in 3840x2160 @ 50p, 3840x2160 Slow Motion or 1280x720 Slow Motion   |
| ****                             | 5GHz band is disabled in territories that do not support it   |