

## Specifications

Main Unit Specs	
<b>Standard Definition or High Definition</b>	4K Ultra High Definition
<b>Power Supply (Rated)</b>	7.4V DC (Battery Pack), 8.4V DC (DC IN)
<b>Video Recording System</b>	Compression: MPEG-4 AVC/H.264 Color Sampling: 4:2:2 or 4:2:0 File Format: MP4 Recording Modes: 150 Mbps: 3840x2160 (60p/30p/24p) 35 Mbps: 1920x1080 (60p/30p/24p) 17 Mbps: 1920x1080 (60p/30p/24p) 8 Mbps: 1280x720 (60p) 4 Mbps: 1280x720 (30p)
<b>Audio Recording System</b>	MPEG-4 AAC-LC (16-bit 2ch)/LPCM (16-bit 4ch), 48 kHz
<b>Image Sensor</b>	1.0-inch CMOS
<b>Total Pixels</b>	Approx. 13.4 megapixels (4268 x 3148)
<b>Effective Pixels</b>	Approx. 8.29 megapixels (3840 x 2160)

<b>Maximum Recording Time</b>	<p>8GB card 150 Mbps: 5 min. 35 Mbps: 25 min. 17 Mbps: 55 min. 8 Mbps: 120 min. 4 Mbps: 245 min.</p> <p>16GB card 150 Mbps: 10 min. 35 Mbps: 55 min. 17 Mbps: 120 min. 8 Mbps: 255 min. 4 Mbps: 515 min.</p> <p>32GB card 150 Mbps: 25 min. 35 Mbps: 115 min. 17 Mbps: 245 min. 8 Mbps: 520 min. 4 Mbps: 1045 min.</p> <p>64GB card 150 Mbps: 55 min. 35 Mbps: 240 min. 17 Mbps: 495 min. 8 Mbps: 1055 min. 4 Mbps: 2115 min.</p> <p>128GB card 150 Mbps: 110 min. 35 Mbps: 485 min. 17 Mbps: 995 min. 8 Mbps: 2120 min. 4 Mbps: 4245 min.</p> <p>Recording will automatically stop when it has continued for 12 hours. A variable bit rate is applicable in each case.</p>
<b>Lens</b>	Canon 15x Zoom, 8.3–124.5mm (35mm equivalent 25.5–382.5mm), f/2.8–4.5
<b>Focusing System</b>	Dual Pixel CMOS AF, Contrast AF The detection range for CMOS AF is approx. 80% (vertical) x 80% (horizontal) of the entire field of view.
<b>Manual Exposure</b>	Yes
<b>Maximum Shutter Speed</b>	1/2000
<b>Minimum Focusing Distance</b>	10mm at wide end, 60cm across entire zooming range
<b>White Balance</b>	Auto, Preset (Daylight, Tungsten), Color Temperature Settings (2,000–15,000K), Set (1/2)
<b>Frame Rate</b>	60p, 30p, 24p
<b>Minimum Illumination</b>	<b>P Mode:</b> Approx. 1.7 lux (shutter speed: 1/30 sec., 60p with auto slow shutter on) <b>Low Light Mode:</b> Approx. 0.1 lux (shutter speed: 1/2 sec.)
<b>Genlock Terminal</b>	No
<b>3G-SDI Terminal</b>	No
<b>Timecode Terminals</b>	No

<b>Image Stabilization</b>	Optical system (lens shift) + electronic stabilization (Image rotation and camcorder movements in the yaw and pitch directions are electronically corrected.) Modes: Dynamic IS, Powered IS, Standard IS, IS Off
<b>Filter Diameter</b>	58mm
<b>Viewfinder</b>	0.24-inch TFT wide color LCD, approx. 1.56 million dots, approx. 100% field of view
<b>LCD Touch Panel</b>	3.5-inch wide LCD and wide view angle, wide color range supported and AR surface treatment (Approx. 1.56 million dots)
<b>Microphone</b>	Stereo (using electret condenser microphone)
<b>Recording Media</b>	SD/SDHC/SDXC Card (2 slots): MP4 movies/photos. Menu settings can also be recorded.
<b>USB Terminal</b>	mini-B receptacle and Hi-Speed USB supported (output only)
<b>Video Terminal</b>	3.5mm stereo mini-jack, HDMI™ mini connector
<b>Audio Terminal</b>	3.5mm stereo mini-jack, XLR 3-pin jack (two channels, provided on the handle unit), HDMI™ mini connector, headphone jack
<b>HDMI Terminal</b>	HDMI™ mini connector
<b>AV Mini Terminal/ Headphone Terminal</b>	3.5mm stereo mini-jack
<b>Ethernet Terminal</b>	Ethernet connector (RJ-45) (supports 1000BASE-T)
<b>Operating Temperature Range</b>	For Performance: Approx. 0–40° C, 85% (relative humidity) For Operation: Approx. -5–45° C, 60% (relative humidity)
<b>Dimensions</b>	Approx. 5.3 x 3.8 x 8.4 in. / 135 x 97 x 214mm (excluding lens hood, mic holder unit, handle unit and battery pack) Approx. 5.9 x 3.8 x 10.5 in. / 150 x 97 x 267mm (including lens hood and Battery Pack BP-828; excluding mic holder unit and handle unit) Approx. 5.9 x 8.5 x 10.5 in. / 150 x 216 x 267mm (including lens hood, Battery Pack BP-828, mic holder unit and handle unit)  All dimensions exclude the grip belt.
<b>Weight</b>	Approx. 2.5 lbs. / 1145g (body only) Approx. 3.7 lbs. / 1665g (includes lens hood, mic holder unit, handle unit, Battery Pack BP-828 and 1 memory card)  Grip belt included for all values.