

Camera	
Item	Details
Power supply	Using AC adapter: DC 5.2 V Using battery pack: DC 3.5 V - 3.6 V
Power consumption	2.2 W (when "MONITOR BRIGHTNESS" is set to "3" (standard)) 2.4 W (when "MONITOR BRIGHTNESS" is set to "4" (brighter)) Rated Current Consumption: 1A
Dimensions (mm)	50.5 mm x 55 mm x 110.5 mm (2-1/8" x 2-1/4" x 4-3/8") (W x H x D: excluding grip belt)
Mass	Approx. 185 g (0.4 lbs) (camera only), Approx. 215 g (0.47 lbs) (including supplied battery pack)
Operating environment	Allowable operating temperature: 0°C to 40°C (32°F to 104°F) Allowable storage temperature: -20°C to 50°C (-4°F to 122°F) Allowable relative humidity: 35 % to 80 %
Image pickup device	1/5.8" 1,500,000 pixels (progressive CMOS)
Recording area (Video)	GZ-HM430: (UXP/XP/SP/EP) 630,000 to 1,050,000 pixels (AIS ON) (UXP/XP/SP/EP) 630,000 to 1,250,000 pixels (AIS OFF) (SSW/SEW) 340,000 to 1,050,000 pixels (dynamic zoom ON) (SSW/SEW) 630,000 to 1,050,000 pixels (dynamic zoom OFF) GZ-HM30/GZ-HM50: (LS/LE) 630,000 to 1,050,000 pixels (AIS ON) (LS/LE) 630,000 to 1,250,000 pixels (AIS OFF) (SSW/SEW) 340,000 to 1,050,000 pixels (dynamic zoom ON) (SSW/SEW) 630,000 to 1,050,000 pixels (dynamic zoom OFF) (SS/SE) 340,000 to 790,000 pixels (dynamic zoom ON) (SS/SE) 470,000 to 790,000 pixels (dynamic zoom OFF)
Lens	GZ-HM430: (UXP/XP/SP/EP) 35 mm conversion: 45.6 mm to 1,824 mm (AIS ON) (UXP/XP/SP/EP) 35 mm conversion: 42.0 mm to 1,680 mm (AIS OFF) (SSW/SEW) 35 mm conversion: 45.6 mm to 3,182 mm (dynamic zoom ON) (SSW/SEW) 35 mm conversion: 45.6 mm to 1,824 mm (dynamic zoom OFF) GZ-HM30/GZ-HM50: (LS/LE) 35 mm conversion: 45.6 mm to 1,824 mm (AIS ON) (LS/LE) 35 mm conversion: 42.0 mm to 1,680 mm (AIS OFF) (SSW/SEW) 35 mm conversion: 45.6 mm to 3,182 mm (dynamic zoom ON) (SSW/SEW) 35 mm conversion: 45.6 mm to 1,824 mm (dynamic zoom OFF) (SS/SE) 35 mm conversion: 55.9 mm to 3,376 mm (dynamic zoom ON) (SS/SE) 35 mm conversion: 55.9 mm to 2,236 mm (dynamic zoom OFF)

Item	Details
Zoom (during video recording)	GZ-HM430: Optical zoom: Up to 40x (16:9/4:3) Dynamic zoom: Up to 70x (16:9) Digital zoom: Up to 200x (16:9/4:3) GZ-HM30/GZ-HM50: Optical zoom: Up to 40x (16:9/4:3) Dynamic zoom: Up to 70x (16:9), Up to 60x (4:3) Digital zoom: Up to 200x (16:9/4:3)
LCD monitor	2.7" wide, 230K pixels, polysilicon color LCD
Recording media	GZ-HM50: Built-in memory (8 GB) SDHC/SDXC card (commercially available) Eye-Fi card (commercially available) GZ-HM30/GZ-HM430: SDHC/SDXC card (commercially available) Eye-Fi card (commercially available)
Clock battery	Rechargeable battery

Connectors

Item	Details
HDMI output connector	HDMI™ mini connector
Component output connector	Y, Pb, Pr component output Y: 1.0 V (p-p), 75 Ω Pb/Pr: 0.7 V (p-p), 75 Ω
AV output connector	Video output: 1.0 V (p-p), 75 Ω Audio output: 300 mV (rms), 1 KΩ
USB connector	Mini USB Type B, USB 2.0 compliant

Video

Item	Details
Recording/ Playback format	AVCHD standard Video: AVC/H.264 Audio: Dolby Digital 2ch
Extension	.MTS
Signal system	NTSC standard
Image quality (Video)	GZ-HM430: UXP 1920 x 1080i pixels Average Approximate 24 Mbps XP 1920 x 1080i pixels Average Approximate 17 Mbps SP 1920 x 1080i pixels Average Approximate 12 Mbps EP 1920 x 1080i pixels Average Approximate 4.8 Mbps SSW 720 x 576i pixels Average Approximate 6.2 Mbps SEW 720 x 576i pixels Average Approximate 3 Mbps GZ-HM30/GZ-HM50: LS 1280 x 720p pixels Average Approximate 11 Mbps LE 1280 x 720p pixels Average Approximate 4.7 Mbps SSW (16:9) 720 x 480i pixels Average Approximate 6.2 Mbps SEW (16:9) 720 x 480i pixels Average Approximate 3 Mbps SS (4:3) 720 x 480i pixels Average Approximate 6.2 Mbps SE (4:3) 720 x 480i pixels Average Approximate 3 Mbps
Sound quality (Audio)	48 kHz, 256 kbps

AC Adapter (AC-V11U)

Item	Details
Power supply	AC 110 V to 240 V, 50 Hz/60 Hz
Output	DC 5.2 V, 1 A
Allowable operating temperature	0°C to 40°C (32°F to 104°F) (10°C to 35°C (50°F to 95°F) during charging)
Dimensions (mm)	66 mm x 28 mm x 47 mm (2-5/8" x 1-1/8" x 1-7/8") (W x H x D: excluding cord and AC plug)
Mass	Approx. 71 g (0.15 lbs)

Battery Pack (BN-VG108U)

Item	Details
Power voltage	3.5 V - 3.6 V
Capacity	860 mAh
Dimensions (mm)	31 mm x 21.5 mm x 43 mm (1-1/4" x 7/8" x 1-3/4") (W x H x D)
Mass	Approx. 30 g (0.06 lbs)

Battery Pack (BN-VG107U)

Item	Details
Power voltage	3.5 V - 3.6 V
Capacity	700 mAh
Dimensions (mm)	31 mm x 21.5 mm x 43 mm (1-1/4" x 7/8" x 1-3/4") (W x H x D)
Mass	Approx. 26 g (0.06 lbs)

Memo :

- The specifications and appearance of this product are subject to changes for further improvement without prior notice.