

Camera

Item	Details
Power supply	Using AC adapter: DC 5.2 V Using battery pack: DC 3.6 V
Power consumption	(GZ-HM960) 3D Display on LCD Monitor 4.6 W (MONITOR BRIGHTNESS: 3 (standard)) 4.7 W (MONITOR BRIGHTNESS: 4 (brighter)) 2D Display on LCD Monitor 4.1 W (MONITOR BRIGHTNESS: 3 (standard)) 4.5 W (MONITOR BRIGHTNESS: 4 (brighter)) (GZ-HM845) 3.7 W (MONITOR BRIGHTNESS: 3 (standard)) 4.2 W (MONITOR BRIGHTNESS: 4 (brighter))
Dimensions (mm)	54 x 62 x 121 (W x H x D: excluding grip belt)
Mass	(GZ-HM960) Approx. 330 g (camera only), Approx. 370 g (including supplied battery pack) (GZ-HM845) Approx. 310 g (camera only), Approx. 350 g (including supplied battery pack)
Operating environment	Allowable operating temperature: 0°C to 40°C Allowable storage temperature: -20°C to 50°C Allowable relative humidity: 35 % to 80 %
Image pickup device	1/2.3" 10,620,000 pixels (CMOS)
Recording area (Video)	2,820,000 pixels 2,070,000 to 4,770,000 pixels (dynamic zoom)
Recording area (Still image)	3,980,000 to 5,290,000 pixels (4:3) 2,990,000 to 3,970,000 pixels (16:9)
Lens	F1.2 - 2.8, f= 3.76 mm to 37.6 mm Video 35 mm conversion: 29.5 mm to 295 mm 35 mm conversion: 29.5 mm to 448 mm (dynamic zoom) Still Image 35 mm conversion: 29.7 mm to 297 mm (4:3) 35 mm conversion: 32.4 mm to 324 mm (16:9)

Item	Details
Lowest illumination	8 lux (GAIN UP: ON) 2 lux (GAIN UP: AUTO SLOW-SHUTTER) 1 lux (SCENE SELECT: NIGHTALIVE)
Flash	Recommended shooting distance: Within 2 m
Zoom (during video recording)	Optical zoom: Up to 10x Dynamic zoom: Up to 15x (DIS: AIS OFF), Up to 13x (DIS: AIS ON) Digital zoom: Up to 200x
Zoom (during still image recording)	Optical zoom: Up to 10x
Continuous shooting speed (during video record-standby)	HIGH SPEED: Approx. 50 images/second MEDIUM SPEED: Approx. 8.3 images/second LOW SPEED: Approx. 2 images/second (Maximum)
Continuous shooting speed (during still image recording)	HIGH SPEED: Approx. 12.5 images/second MEDIUM SPEED: Approx. 6.25 images/second LOW SPEED: Approx. 4.1 images/second (Maximum)
LCD monitor	3.5", 920,000 pixels, polysilicon color LCD
Recording media	Built-in memory (16 GB) (for GZ-HM960) Built-In memory (8 GB) (for GZ-HM845) SD/SDHC/SDXC card (commercially available) Eye-Fi card (commercially available)
Clock battery	Rechargeable battery

Specifications

Connectors

Item	Details
HDMI output connector	HDMI mini connector (x.v.Color compatible)
AV output connector	Video output: 1.0 V(p-p), 75 Ω Audio output: 300 mV (rms), 1 K Ω
USB connector	Mini USB Type AB, USB 2.0 compliant

Video

Item	Details
Recording/ Playback format	AVCHD standard Video: MPEG-4 AVC/H.264 Audio: Dolby Digital 2ch
Extension	.MTS
Signal system	PAL standard
Image quality (Video)	UXP 1920 x 1080 pixels Average Approximate 24 Mbps XP 1920 x 1080 pixels Average Approximate 17 Mbps SP 1920 x 1080 pixels Average Approximate 12 Mbps EP 1920 x 1080 pixels Average Approximate 4.8 Mbps
Sound quality (Audio)	48 kHz, 256 kbps

Still Image

Item	Details
Recording format	JPEG standard
Extension	.JPG
Image size	

AC Adapter (AC-V10M) (for GZ-HM845)

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 (10°C to 35°C during charging)
Dimensions (mm)	83 x 28 x 40 (W x H x D: excluding cord and AC plug)
Mass	Approx. 77 g

AC Adapter (AP-V30M) (for GZ-HM960)

Item	Details
Power supply	AC 110 V to 240 V, 50 Hz/60 Hz
Output	DC 5.2 V, 1.8 A
Allowable operating temperature	0°C to 40°C (10°C to 35°C during charging)
Dimensions (mm)	50 x 29 x 100 (W x H x D: excluding cord and AC plug)
Mass	Approx. 112 g

Battery Pack (BN-VG114E)

Item	Details
Power voltage	3.6 V
Capacity	1400 mAh
Dimensions (mm)	31 x 21.5 x 43 (W x H x D)
Mass	Approx. 40 g

Remote Control (RM-V760U) (for GZ-HM960)

Item	Details
Power supply	DC 3 V (button battery CR2025)
Battery life	Approx. 1 year (depending on frequency of use)
Operating distance	Approx. 5 m (facing up)
Allowable operating temperature	0°C to 40°C
Dimensions (mm)	32.5 x 15.6 x 68 (W x H x D)
Mass	Approx. 16 g (including battery pack)

Memo : _____

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