

Camera

Item	Details
Power supply	Using AC adapter: DC 5.2 V Using battery pack: DC 3.6 V
Power consumption	1.5 W (when "LIGHT" is set to "OFF" and "LCD BACKLIGHT" is set to "STANDARD")
Dimensions (mm)	52 x 62 x 110 (W x H x D: excluding grip belt)
Mass	Approx. 200 g (camera only), Approx. 230 g (including supplied battery pack)
Operating environment	Allowable operating temperature: 0°C to 40°C Allowable storage temperature: -20°C to 50°C Allowable operating humidity: 35 % to 80 %
Image pickup device	1/6" 800.000 pixels
Recording area (Video)	410.000 pixels (optical zoom) 410.000 to 550.000 pixels (dynamic zoom)
Recording area (Still Image)	550.000 pixels
Lens	F1.8 to F4.3, f= 2.2mm to 85.8mm (35mm conversion: 41.5mm to 1,619mm)
Lowest illumination	3 lux (Shutter speed: AUTO + AGC) 1 lux (NIGHT EYE mode)
Zoom (during video recording)	Optical zoom: Up to 39x Dynamic zoom: Up to 45x Digital zoom: Up to 800x (GZ-MS230 only) Digital zoom: Up to 900x (GZ-MS215 only)
Zoom (during still image recording)	Optical zoom: Up to 39x
LCD monitor	2.7" wide, 12.3 megapixels, polysilicon color LCD
Recording Media (GZ-MS230)	Built-in memory (8 GB), SD/SDHC card (commercially available) "Types of Usable SD Card" (P. 0)
Recording Media (GZ-MS215)	SD/SDHC card (commercially available) "Types of Usable SD Card" (P. 0)
Clock battery	Rechargeable battery

Video

Item	Details
Recording/ Playback format	SD-VIDEO standard, Video: MPEG-2, Audio: Dolby Digital(2ch)
Extension	.MOD
Signal system	PAL standard
Image quality/ Sound quality	ULTRA FINE : 720 pixels x 576 pixels, 8.5 Mbps VBR (Video), 48 kHz, 384 kbps (Audio) FINE : 720 pixels x 576 pixels, 5.5 Mbps VBR (Video), 48 kHz, 384 kbps (Audio) NORMAL : 720 pixels x 576 pixels, 4.2 Mbps VBR (Video), 48 kHz, 256 kbps (Audio) ECONOMY : 352 pixels x 288 pixels, 1.5 Mbps VBR (Video), 48 kHz, 128 kbps (Audio)

Still Image

Item	Details
Format	JPEG standard
Extension	.JPG
Image size	832 x 624 / 640x480
Quality	FINE / STANDARD

AC Adapter (AP-V30M)

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-VG107E)

Item	Details
Power voltage	3.6 V
Capacity	700 mAh
Dimensions (mm)	31 x 21.5 x 43 (W x H x D)
Mass	Approx. 26 g

"Optional Accessories" (P. 0)