

Camera

Item	Details
Power supply	Using AC adapter: DC 5.2 V Using battery pack: DC 3.6 V
Power consumption	3.1 W (when "LCD BACKLIGHT" is set to "STANDARD") 3.3 W (when "LCD BACKLIGHT" is set to "BRIGHTER") Rated Current Consumption: 1A
Dimensions (mm)	53 x 63 x 110 (2-1/8" x 2-1/2" x 4-3/8") (W x H x D: excluding grip belt)
Mass	Approx. 265 g (0.58 lbs) (camera only) Approx. 305 g (0.67 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 operating humidity: 35 % to 80 %
Image pickup device	1/5.8" 1,500,000 pixels (progressive CMOS)
Recording area (Video)	(16:9) 630,000 to 1,050,000 pixels (A.I.S ON) (16:9) 630,000 to 1,250,000 pixels (A.I.S OFF)
Recording area (Still Image)	(4:3) 470,000 to 930,000 pixels (16:9) 630,000 to 1,250,000 pixels
Lens	F1.8 - 6.3, f= 2.9 mm to 116.0mm Still image: (35 mm conversion: 42.0mm to 1680 mm) Video: (35 mm conversion: 45.6mm to 1824 mm)
Zoom (during video recording)	Optical zoom: Up to 40x Digital zoom: Up to 80x Digital zoom: Up to 200x
Zoom (during still image recording)	Optical zoom: Up to 40x
LCD monitor	2.7" wide, 12.3 megapixels, polysilicon color LCD
Recording media	Internal HDD (120 GB) microSD/microSDHC card (commercially available)
Clock battery	Rechargeable battery

Connectors

Item	Details
HDMI	HDMI™ mini connector (x.v.Color™)
Component output	Y, Pb, Pr component output Y: 1.0 V (p-p), 75 Ω Pb/Pr: 0.7 V (p-p), 75 Ω
AV output	Video output: 1.0 V (p-p), 75 Ω Audio output: 300 mV (rms), 1 KΩ
USB	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)	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 5 Mbps
Sound quality (Audio)	48 kHz, 256 kbps

Still Image

Item	Details
Format	JPEG standard
Extension	.JPG
Image size	1920 x 1080 1440 x 1080 640 x 480
Quality	FINE / STANDARD

AC Adapter (AP-V30U)

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 (32°F to 104°F) (10°C to 35°C (50°F to 95°F) during charging)
Dimensions (mm)	78 x 34 x 46 (3-1/8" x 1-3/8" x 1-13/16") (W x H x D: excluding cord and AC plug)
Mass	Approx. 107 g (0.24 lbs)

Specifications

Battery Pack (BN-VG114U)

Item	Details
Power voltage	3.6 V
Capacity	1400 mAh
Dimensions (mm)	31 x 21.5 x 43 (1-1/4" x 7/8" x 1-3/4") (W x H x D)
Mass	Approx. 40 g (0.09 lbs)

Memo :

- Some features explained in this manual only apply to the specific model identified.
 - The specifications and appearance of this product are subject to changes for further improvement without prior notice.
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