

## Camera

| Item                                | Details  |
|-------------------------------------|--|
| Power supply                        | Using AC adapter: DC 5.2 V<br>Using battery pack: DC 3.6 V   |
| Power consumption                   | 3.1 W (when "LCD BACKLIGHT" is set to "STANDARD")<br>3.3 W (when "LCD BACKLIGHT" is set to "BRIGHTER")                                       |
| Dimensions (mm)                     | 53 x 63 x 110 (W x H x D: excluding grip belt)   |
| Mass                                | Approx. 265 g (camera only)<br>Approx. 305 g (including supplied battery pack)   |
| Operating environment               | Allowable operating temperature: 0°C to 40°C<br>Allowable storage temperature: -20°C to 50°C<br>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)<br>(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<br>(16:9) 630,000 to 1,250,000 pixels  |
| Lens                                | F1.8 - 6.3, f= 2.9 mm to 116.0mm<br>Still image:<br>(35 mm conversion: 42.0mm to 1680 mm)<br>Video:<br>(35 mm conversion: 45.6mm to 1824 mm) |
| Zoom (during video recording)       | Optical zoom: Up to 40x<br>Digital zoom: Up to 80x<br>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)<br>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<br>Y: 1.0 V (p-p), 75 Ω<br>Pb/Pr: 0.7 V (p-p), 75 Ω |
| AV output        | Video output: 1.0 V (p-p), 75 Ω<br>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              | PAL standard   |
| Image quality (Video)      | UXP<br>1920 x 1080 pixels<br>Average Approximate 24 Mbps<br>XP<br>1920 x 1080 pixels<br>Average Approximate 17 Mbps<br>SP<br>1920 x 1080 pixels<br>Average Approximate 12 Mbps<br>EP<br>1920 x 1080 pixels<br>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<br>1440 x 1080<br>640 x 480 |
| 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<br>(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               |

- 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.