<table>
<thead>
<tr>
<th><strong>Mass</strong></th>
<th>Approx. 1.9 kg (without lens)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Approx. 3.6 kg (with lens, lens hood, eye piece, BP-U30 battery, one SxS PRO memory card)</td>
</tr>
<tr>
<td><strong>Power Requirements</strong></td>
<td>DC 12 V</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>Approx. 13.5 W (while recording, LCD viewfinder On)</td>
</tr>
<tr>
<td></td>
<td>Approx. 14 W (while recording, EVF On, LCD monitor On, IO Select HD SDI &amp; HD HDMI)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0°C to 40°C</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>-20°C to +60°C</td>
</tr>
<tr>
<td><strong>Continuous Operating Time</strong></td>
<td>Approx. 210 min with BP-U60 battery</td>
</tr>
<tr>
<td>*<em>Dimensions (W x H x D)<em>1</em></em></td>
<td>MPEG-2 Long GOP</td>
</tr>
<tr>
<td><strong>Recording Format (Video)</strong></td>
<td>HQ mode: VBR, maximum bit rate: 35 Mbps, MPEG-2 MP@HL</td>
</tr>
<tr>
<td></td>
<td>SP mode: CBR, 25 Mbps, MPEG-2 MP@H-14</td>
</tr>
<tr>
<td><strong>Recording Format (Audio)</strong></td>
<td>Linear PCM (2 ch, 16-bit, 48-kHz)</td>
</tr>
<tr>
<td><strong>Recording/Playback Time (MPEG HD)</strong></td>
<td>HQ Mode: Approx. 100 min with SBP-32 (32 GB) memory card</td>
</tr>
<tr>
<td></td>
<td>Approx. 50 min with SBP-16 (16 GB) memory card</td>
</tr>
<tr>
<td></td>
<td>Approx. 25 min with SBP-8 (8 GB) memory card</td>
</tr>
<tr>
<td>SP Mode: Approx. 140 min with SBP-32 (32 GB) memory card</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Approx. 70 min with SBP-16 (16 GB) memory card</td>
</tr>
<tr>
<td></td>
<td>Approx. 35 min with SBP-8 (8 GB) memory card</td>
</tr>
<tr>
<td><strong>Recording Frame Rate</strong></td>
<td>NTSC</td>
</tr>
<tr>
<td></td>
<td>HQ mode: 1920 x 1080/59.94i, 29.97p, 23.98p, 1280 x 720/59.94p, 29.97p, 23.98p</td>
</tr>
<tr>
<td></td>
<td>SP mode: 1440 x 1080/59.94i, 23.98p (pull down)</td>
</tr>
<tr>
<td></td>
<td>PAL</td>
</tr>
<tr>
<td></td>
<td>HQ mode: 1920 x 1080/50i, 25p, 1280 x 720/50p, 25p</td>
</tr>
<tr>
<td></td>
<td>SP mode: 1440 x 1080/50i</td>
</tr>
</tbody>
</table>
Lens

Lens Mount: Sony 1/2-inch type EX mount
Zoom Ratio: 14x (optical), servo/manual
Focal Length: f = 5.8 mm to 81.2 mm (equivalent to 31.4 mm to 439 mm on 35 mm lens)
Filter Diameter: M77 mm, pitch 0.75 mm (on lens)

Input/Output

Genlock Input: BNC (x1)
Timecode Input: BNC (x1)
Audio Input: XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable
SDI Output: BNC (x1), HD-SDI/SD-SDI selectable
Audio Output: Phono jack (CH-1,CH-2)
Timecode Output: BNC (x1)
Earphone Output: Stereo mini jack (x1)
Speaker Output: Monaural
DC Input: DC jack
Remote: 8-pin
i.LINK: IEEE 1394, 4-pin (x1), HDV stream input/output (HDV 1080i ), S400
Composite Output: Mini-D (x1) via A/V multi connector
USB: USB device, Mini-B (x1)

Camera Section

Effective Picture Elements: 1920 (H) x 1080 (V)
Optical System: F1.6 prism system
Built-in Optical Filters: OFF: Clear, 1: 1/8ND, 2: 1/64ND
Shutter Speed (Time): 1/60 sec to 1/2,000 sec + ECS*2
Shutter Speed (Slow Shutter (SLS)): 2, 3, 4, 5, 6, 7, 8, 16, 32, and 64-frame accumulation
Slow & Quick Motion Function: 720p: Frame rate selectable from 1 fps to 60 fps

Sensitivity (2000 lx, 89.9% reflectance): F10 (typical) (1920 x 1080/59.94i mode)
Minimum Illumination: 0.14 lx (typical) (1920 x 1080/59.94i mode, F1.9, +18 dB gain, with 64-frame accumulation)
White Balance: Preset (3200K), Memory A, Memory B/ATW
Gain Selection: -3, 0, 3, 6, 9, 12, 18 dB, AGC
S/N Ratio: 54 dB (Y) (typical)
Horizontal Resolution 1,000 TV lines or more (1920 x 1080i mode)

Viewfinder

Viewfinder 3.5-inch*3 type color LCD monitor: approx. 921,000 effective pixels, 640 (H) x 3 (RGB) x 480 (V), 16:9, hybrid type

Other Equipment

Built-in Speaker Omni-directional stereo electret condenser microphone.

Supplied Accessories

VCL-614B2X exclusive standard zoom lens (1)
Lens hood with lens cap (1)
Lens adaptor (1)
Infrared Remote Commander (1)
Eyepiece (1)
Eyecup (1)
USB cable (1)
Component video cable (1)
BP-U30 battery pack (1)
BC-U1 battery charger (1)
Shoulder strap (1)
Cheek pad (1)
Lens mount cap (1)
Lens cap for the supplied lens (1)
Fixing screws for the cheek pad (3)
DC cable clamp and fixing screw (1 each)
Lithium battery (CR2032 for backup) (1)
Lithium battery (CR2025 for the IR Remote Commander) (1)
CD-ROM:
- Utility software (1)
- Operating instructions in PDF (1)
Operating instructions (1)
SxS Device driver software end-user license