Panasonic
ideas for life

AG-AC7
Memory Card Camera Recorder

This model is not available in some area.

Shoulder-mount Style AVCHD for School, Wedding and More
The AG-AC7 Camera Recorder is suitable for the cost sensitive Professional.

**PROFESSIONAL DESIGN**
It features a large eyecup, a tiltable viewfinder, a shoulder strap and a shoulder pad for satisfying the Professional Operator’s requirements.

**SHOULDER-MOUNT DESIGN**
The stability of shoulder-mount shooting, packed into a highly-mobile compact package. Complete with large grip and zoom lever, plus a wide-diameter focus ring for smooth, positive operation.

**MANUAL FOCUS RING**
The large, easy-to-hold focus ring gives you quick, precise focus control.

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**Full-HD 1920 x 1080 Recording**
AG-AC7 lets you shoot with Full-HD picture quality. You can capture the fine details of the object which you acquire.

**HD/SD Recording in AVCHD Format**
AG-AC7 complies with AVCHD standard format and supports the following recording/playback mode.

<table>
<thead>
<tr>
<th>Rec/Play Mode</th>
<th>Mbps/VBR</th>
<th>Picture Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA mode</td>
<td>Approx. 17 Mbps</td>
<td>1920 x 1080 Pixels</td>
</tr>
<tr>
<td>HG mode</td>
<td>Approx. 13 Mbps</td>
<td></td>
</tr>
<tr>
<td>HX mode</td>
<td>Approx. 9 Mbps</td>
<td></td>
</tr>
<tr>
<td>HE mode</td>
<td>Approx. 5 Mbps</td>
<td></td>
</tr>
<tr>
<td>SA mode</td>
<td>Approx. 9 Mbps</td>
<td></td>
</tr>
<tr>
<td>SX mode</td>
<td>Approx. 4.5 Mbps</td>
<td>720 x 480 Pixels</td>
</tr>
</tbody>
</table>

*SA/SX modes cannot be played back with Panasonic other AVCCAM products and software for AVCCAM series.

**35.8mm Wide-Angle**
The 35.8mm (35 mm equivalent) setting on the AG-AC7 is ideal for a wide-angle shot such as a panoramic or a tiny space shot. This is especially handy when you want to take a wide-angle shot in a small room. For even wider angle 25mm (35mm equivalent) results, add the optional VW-4607H Wide Conversion Lens.

**Intelligent 23x Zoom**
Intelligent Zoom, which was achieved due to the Intelligent Resolution technology of the AG-AC7’s image processing LSI enables telephoto shots at up to 23x magnification. Even when the optical zoom range is exceeded, telephoto shots maintain their clear, beautiful HD image quality.

**HYBRID O.I.S. (Optical Image Stabilizer)**
This hybrid system combines the advantages of optical stabilization and electronic stabilization in one. It helps to capture beautiful images under a multiple of conditions by detecting and compensating for instability caused by a variety of movements. In addition to optical stabilization, it provides more powerful electronic correction during high-power zooming.
Long Life 4 hours and 35 minutes* Battery Included (approx.)

For long events, this lets you concentrate on shooting, without worrying about battery reserves.

*Continuous recording time.

O.I.S. Lock
Pressing the O.I.S. Lock button on the LCD monitor maximizes the camera’s blur detection sensitivity and correction. This is ideal for applications like bird watching, which call for zooming at a fixed angle.

*Considerable blurring occurs when panning or tilting the camera, due to the movement of the corrective lens.

Wind Noise Canceller
This function automatically detects and suppresses only wind noise, to give you natural sounds with lifelike ambience.

Manual Functions for Creative Flexibility
Let your true creativity shine, with a wealth of manual controls at your fingertips. Of course, you can also switch to auto mode, ideal when you need to start shooting at a moment’s notice.


SD Memory Card Recording
This camera records on SDXC/SDHC/SD Memory Cards to provide outstanding compatibility with PC applications and rapid data transfer. Unlike with video tape, there’s no need for cueing with the SD Memory Card because recording begins in a blank section of memory.

<table>
<thead>
<tr>
<th>Recording Mode</th>
<th>Recording Time (with 64GB card)</th>
<th>Picture Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA mode</td>
<td>Approx. 8 hours and 30 minutes</td>
<td>1920 x 1080 Pixels</td>
</tr>
<tr>
<td>HG mode</td>
<td>Approx. 11 hours</td>
<td>720 x 480 Pixels</td>
</tr>
<tr>
<td>HX mode</td>
<td>Approx. 16 hours and 50 minutes</td>
<td></td>
</tr>
<tr>
<td>HE mode</td>
<td>Approx. 27 hours and 30 minutes</td>
<td></td>
</tr>
<tr>
<td>SA mode</td>
<td>Approx. 16 hours and 30 minutes</td>
<td></td>
</tr>
<tr>
<td>SX mode</td>
<td>Approx. 33 hours</td>
<td></td>
</tr>
</tbody>
</table>

*SX/SX modes can not be played back with Panasonic other AVCCAM products and software for AVCCAM series.

*Maximum continuously recordable time for one scene is 12 hours in any mode.
### Specifications (As of June, 2011)

#### [General]
- **Power Supply:** DC 9.3 V (when using AC adaptor)  
  DC 7.2V (when using battery)
- **Power Consumption:** 5.0 W (Recording)
- **Weight:** Approx. 1.8 kg (Approx. 3.97 lbs), main body only
- **Dimensions (W x H x D):** 216 mm x 224 mm x 432 mm  
  (8-1/2 inches x 8-7/8 inches x 17-1/16 inches)
- **Media:** SD/SDHC/SDXC Memory Card

#### [Image Sensor]
- **Image Sensor:** 1/4.1 type MOS
- **Total Pixels:** 3.2 megapixels
- **Effective Pixels:**
  - Motion Image:  
    - [4:3]: 1,02 megapixels (tele)-1.44 megapixels (wide)  
    - [16:9]: 1.36 megapixels (tele)-1.92 megapixels (wide)
  - Still Image:  
    - [3:2]: 1.46 megapixels (tele)-2.08 megapixels (wide)  
    - [16:9]: 1.36 megapixels (tele)-1.92 megapixels (wide)  
    - [4:3]: 1.52 megapixels (tele)-2.16 megapixels (wide)

#### [Camera Section]
- **Standard Illumination:** 1400 lx
- **Minimum Illumination:** Approx. 4 lx (1/30 Low Light scene mode).  
  Approx. 1 lx (Color Night View)
- **White Balance:** Auto / Indoor1 / Indoor2 / Sunny / Cloudy / White set
- **Shutter Speed:** Motion Image:  
  - [60i]: 1/60 sec. to 1/8000 sec.
- **Image Stabilizer:** HYBRID O.I.S. (Optical Image Stabilizer) / O.I.S. Lock
- **Focus/Iris:** Auto/Manual
- **Backlight Compensation:** √

#### [Lens Section]
- **Lens:** Panasonic Lens
- **F Value:** F1.8 (wide) / F2.6 (tele)
- **Optical Zoom:** 16.8 x
- **Intelligent Zoom:** 23 x
- **Digital Zoom:** 50 x / 1200 x
- **Focal Length:** 2.9 mm to 48.7 mm
- **35mm Film Camera Equivalent:**  
  - [Still Image]: 35.8-716 mm (16:9), 43.9-878 mm (4:3)  
  - [Motion Image]: 35.8-716 mm (16:9), 43.9-878 mm (4:3) [Motion Image]

#### [Recording Section]
- **Signal System:** 1080/60i, 480/60i
- **Compression:** MPEG4-AVC/H.264
- **Recording Mode and Transfer Rate:**  
  - [1920 x 1080]:  
    - HA (Approx. 17 Mbps / VBR),  
    - HG (Approx. 13 Mbps / VBR),  
    - HX (Approx. 9 Mbps / VBR),  
    - HE (Approx. 5 Mbps / VBR)
  - [720 x 480]:  
    - SA (Approx. 9 Mbps / VBR),  
    - SX (Approx. 4.5 Mbps / VBR)
- **Audio Compression:** Dolby Digital (2ch)
- **Microphone:** 2ch Stereo (with a zoom microphone function)
- **Speaker:** 1 round speaker, dynamic type
- **Media Remaining Indication:** √
- **Backlight Compensation:** √

#### [Monitor]
- **LCD:** 6.7 cm (2.7 inches) Wide LCD (230K dots)
- **Recording Image Size:**
  - [Still Picture]:  
    - [3:2]: 2.8 megapixels (2064 x 1376)  
    - [16:9]: 2.1 megapixels (1920x1080)
  - [Motion Image]:  
    - [4:3]: 2.9 megapixels (1952 x 1446),  
    - 0.3 megapixels (640 x 480)
    - [16:9]: 2.1 megapixels (1920 x 1080),  
    - 0.3 megapixels (640 x 480)
- **Creating still picture from motion picture:**  
  - [16:9]: 1.1 megapixels (1920 x 1080),  
  - 0.2 megapixels (640 x 360)
  - [4:3]: 0.3 megapixels (640 x 480)

#### [Other]
- **Interfaces:** HDMI / USB 2.0 Hi-Speed / AV / Video Component
- **Standard Accessories:**  
  - AC Adaptor, AC Cable, DC Cable,  
  - Rechargeable Battery Pack VW-VBG260  
  - (2,640/2,500 (typ./min.) mAh, Lithium-Ion),  
  - AV Cable, Video Component Cable, USB Cable,  
  - Shoulder Strap, Lens Cap, Stylus Pen

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