Panasonic
ideas for life

AVCCAM

Memory Card Camera-Recorder
AG-HMC40

New, Lightweight AVCCAM Camcorder with Full-HD Images and Advanced Functions

*The microphone and XLR Audio Input Adapter shown in the photograph are optional.

* Memory card not included

Bundled with
EDiUS Neo 2 nonlinear editing software

AVCHD
HD
dicmar
HDMI

AVCCAM 3-Year Warranty Repair Program*
* AG-HMC40 users qualify for a 3-year warranty on repairs. Visit the website for details: www.panasonic.com/broadcast
Small, Light, Easy to Use — And Exceptional Image Quality

Full-HD Images plus the Versatility and Mobility to Cover All Kinds of Events

Style 1
With handle detached, this super-compact camera fits easily into a bag or pack for highest mobility.

Style 2
With the optional XLR adapter mounted on the handle, the AG-HMC40 has outstanding audio specs, plus the ability to add two external phantom microphones or line inputs with level controls.

Style 3
With handle in place, the AG-HMC40 is easy to carry and easy to use, even when shooting at difficult angles.

- Newly developed 1/4.1-inch 3.05-megapixel, progressive 3MOS sensors. Also records still images with 10.6-megapixel resolution (approx.)
- 12x Leica Dicomar zoom lens with Optical Image Stabilizer (OIS)
- Professional-quality PH mode and reliable SD memory card recording
- Wide-ranging functions include a detachable XLR adapter (option), waveform monitor, and camera remote
- Smooth, easy operation with a manual focus ring and touch panel
- Outstanding mobility with a small body that weighs just 2.16 lbs

SD Memory Card Recorder: Lower Operating Costs, Better for the Environment

The SD Memory Card-HMC40 three different ways

- You can use AG-HMC40
- Style 1
- Style 2
- Style 3

The SD Memory Card Recorder: Lower Operating Costs, Better for the Environment

- SD reduces total cost of ownership
  - Faster, easier editing because digitization is not necessary
  - Lower media costs because memory cards are reusable
  - Lower maintenance costs because there is no moving mechanism
- By reducing editing, media and maintenance costs, AVCCAM can help improve your bottom line. Users can also take advantage of a special 3-year free-repair service program that Panasonic offers for AVCCAM equipment.

- Professional-quality PH mode and reliable SD memory card recording
- Wide-ranging functions including a detachable XLR adapter (option), waveform monitor, and camera remote
- Smooth, easy operation with a manual focus ring and touch panel
- Outstanding mobility with a small body that weighs just 2.16 lbs

You can use AG-HMC40 three different ways

- Style 1
- With handle detached, this super-compact camera fits easily into a bag or pack for highest mobility.

- Style 2
- With the optional XLR adapter mounted on the handle, the AG-HMC40 has outstanding audio specs, plus the ability to add two external phantom microphones or line inputs with level controls.

- Style 3
- With handle in place, the AG-HMC40 is easy to carry and easy to use, even when shooting at difficult angles.
Superb Full-HD Image Quality

A Small Camcorder That's Packed with Image-enhancing Technologies

3MOS System with Full-HD Sampling and Pro Tuning

Sharp, Crisp Rendering of Every Subject

New Leica Dicomar Lens

Featuring 13 elements in 10 groups, the newly developed Leica Dicomar lens is ideal for full-HD recording. The new lens system uses low-dispersion glass and aspherical lenses to reduce color aberration and boost resolution. Use of a special multi-coating process dramatically reduces flare and ghosts. The result: sharp, crisp, beautifully rendered pictures with vivid colors, delicate nuances, and exceptional shading. This advanced lens also lets you capture 40.8mm wide-angle shots (35mm lens equivalent) – unusual for such a compact unit.

Highly Nuanced Image Expression

3.05-megapixel Progressive 3MOS Sensors

The progressive 3MOS image sensors record full-HD images with an effective motion-picture resolution of 2.51-megapixel (approx.). This produces full-raster HD images with high resolution and superb image quality. Because each of the three separate image sensors receives one of the three primary colors of light (red, green and blue), they render more precise images and more faithful colors than the single light-receiving 1MOS sensor.

High-quality Digital Stills

Still Shots with 10.6-megapixel Resolution (approx.)

The new 3MOS sensors also combine with Panasonic’s proprietary Quad-Density Pixel Distribution technology to achieve a resolution that is equivalent to 4 times the normal level. The AG-HMC40 captures still images with approx. 10.6-megapixel resolution (in still image mode, 3:2 aspect ratio), which approaches the level of a high-performance digital still camera. For example, you can use it to shoot both motion and still images for a website. The new lens system also features 13 elements in 10 groups, making it possible to fit a 12x optical zoom into a compact unit.

HD Lens Unit (13 Elements in 10 Groups)

Low-dispersion Glass
Reduces color aberration to produce clear images.

Highly Reflective Lens
Made it possible to fit a 12x optical zoom into a compact unit.

Multi-coated Lens Surfaces
Reduces flare and ghosts.

Aspherical Lenses
Enhances resolution and contrast.

Up to 120x Zoom Power

12x Optical Zoom and 10x Digital Zoom

Even at the 490mm zoom setting (35mm lens equivalent), this advanced 12x optical zoom lens is free of image degradation. And the AG-HMC40 is also equipped with a digital zoom that instantly magnifies the image by any of these fixed values: 2x, 5x or 10x. Use it together with the 12x optical zoom lens, and you get super magnification equivalent to a 120x zoom, without the drop in light intensity that happens when using a lens extender.

The AG-HMC40 can save two sets of camera settings as scene files for instant recall later in similar shooting conditions.

Take Clear Shots While Walking or Zooming

Optical Image Stabilizer (OIS)

Because the hand-shake correction is done by actually driving the lens, there’s none of the image-degradation that occurs with electronic stabilization. You can capture beautiful, high-contrast shots even in situations where hand-shake is typically a big problem – such as when zooming, shooting indoors in dim lighting, or shooting outdoors at night. Your eyelids from straining to see may remain, but eye color differences may be eight under some conditions.

10x digital zoom (120x)

Optical Image Stabilizer (OIS)

Neutral Density Filter
Reduces light to allow slow shutter speeds

Cine-like Gamma Curves

7-mode Gamma for Richer Gradation

Drawing on technologies developed for the VariCam HD camcorders for digital cinema, Panasonic has equipped the AG-HMC40 with advanced gamma functions that address seven different shooting scenarios and enhance your creative abilities. This includes the cine-like gamma, which produces the characteristic warm tone of film recordings.

AG-HMC40 Gamma Modes

HD NORM
Suitable for HD recording

LOW
Works to flatten out a high contrast scene

SD NORM
Normal setting for SD (This was available in the DVX100 series.)

HIGH
Provides more contrast and blacks in low contrast scenes

B.PRESS
Provides more contrast and blacks in low contrast scenes

CINE-LIKE-D
The Cine-like mode shifted to prioritize dynamic range

CINE-LIKE-V
The Cine-like mode shifted to prioritize contrast

Optical Image Stabilizer (OIS)

Neutral Density Filter
Reduces light to allow slow shutter speeds

Cine-like Gamma Curves

7-mode Gamma for Richer Gradation

Drawing on technologies developed for the VariCam HD camcorders for digital cinema, Panasonic has equipped the AG-HMC40 with advanced gamma functions that address seven different shooting scenarios and enhance your creative abilities. This includes the cine-like gamma, which produces the characteristic warm tone of film recordings.

AG-HMC40 Gamma Modes

HD NORM
Suitable for HD recording

LOW
Works to flatten out a high contrast scene

SD NORM
Normal setting for SD (This was available in the DVX100 series.)

HIGH
Provides more contrast and blacks in low contrast scenes

B.PRESS
Provides more contrast and blacks in low contrast scenes

CINE-LIKE-D
The Cine-like mode shifted to prioritize dynamic range

CINE-LIKE-V
The Cine-like mode shifted to prioritize contrast

Images with DRS OFF

Images with DRS ON

Dynamic Range Stretch (DRS)

A gamma curve and knee slope are estimated to match the contrast of each pixel, and applied in real time. When dark, bright, and intermediate shades are all contained in the same scene, this produces excellent gradation for each shade and minimizes blocked shadows and blown highlights. The images that result are enhanced by a visually wider dynamic range.

Highly Detailed Image Composition

Advanced Pro Tuning Functions

Matrix settings

Leaves you choose basic color hues that convey the desired overall image mood.

Knee point settings

Controls the highlights within the frame. (AUTO/LOW/MID/HIGH)

Adjustable H detail level, V detail level, detail coring and skin detail

Corrects edges and removes image noise.

Adjustable chroma level, chroma phase, color temp and master pedestal

Sets the basic levels for brightness and other signals.

Two scene files

The AG-HMC40 can save two sets of camera settings as scene files for instant recall later in similar shooting conditions.

Image with Wide-angle

Image with 12x optical zoom

Image with 10x optical zoom x 10x digital zoom (120x)

HD Lens Unit (13 Elements in 10 Groups)

Low-dispersion Glass
Reduces color aberration to produce clear images.

Highly Reflective Lens
Made it possible to fit a 12x optical zoom into a compact unit.

Multi-coated Lens Surfaces
Reduces flare and ghosts.

Aspherical Lenses
Enhances resolution and contrast.

Hand-shake from strong vibrations may remain. Eye color differences may be eight under some conditions.
Advanced HD Recording Technology

AVCHD Format Recording: Superior Quality, Efficiency and Reliability
And Exclusive PH Mode for the Highest Bit Rate

High-end AVCHD Image Quality
High Bit Rate of the Pro-use PH Mode
The AG-HMC40 features the image-enhancing PH mode that Panasonic developed exclusively for AVCCAM camcorders. It delivers a maximum AVCHD bit rate of 24 Mbps (average: 21 Mbps). Designed for professional image production, this mode lets you record 1080/30P, 1080/24P and 720 progressive images in addition to 1080i60 from the AG-HMC40’s 1920 x 1080 full-raster HD images.

Image with HDV
Image with AVCHD (PH mode)

Ease, Efficiency, Reliability
Large-capacity SDHC Memory Card
Unlike with videocassettes, there’s no need for cuing with the SDHC memory card because recording automatically begins in a blank section of memory. Nor do you have to worry about accidentally recording over important footage. You can delete unwanted clips instantly right on the spot to preserve memory capacity. Editing after shooting is smooth and easy, with no need for digitizing. The tiny SDHC Memory Card is durable, too. Its operating range is from -1°F to +185°F (-20°C to 85°C), so you can stop worrying about harsh temperatures or condensation and just concentrate on your shooting. And of course, you never have to worry about problems with dropouts or clogged heads.

Using the high compression efficiency of the AVCHD format, up to 720 minutes1 of HD data can be recorded onto a single SDHC Memory Card.

Combined with a maximum data transfer speed of 22 MB/s,2 this makes data transfers to computers easy and effortless.

SDHC Memory Cards are inexpensive and can be easily purchased on location when needed.

AVCHD Format for High-quality, Efficient HD Recording
This format complies with the latest H.264 motion image compression standard, and employs the High Profile standard to improve compression efficiency. Featuring twice the compression efficiency of HD MPEG-2, the AG-HMC40 achieves extended HD recording.

■ MPEG-4 AVC/H.264 Technologies
  ■ Intra-frame Prediction
  ■ Variable Block Size Motion Compensation
  ■ Loop Filter Prevents the Propagation of Compression Distortion
  ■ Variable Bit Rate Encoding (VBR)

■ Comparison of HD Recording Formats

<table>
<thead>
<tr>
<th></th>
<th>HDW</th>
<th>AVCHD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel (H x V)</td>
<td>1440 x 1080</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Compression Method</td>
<td>MPEG-2</td>
<td>MPEG-4 AVC/H.264</td>
</tr>
</tbody>
</table>

Professional Function

A Wide Range of Assist Functions for Easy HD Shooting in a Compact Body

Intuitive, Easy Operation
2.7-inch Wide LCD Monitor with Touch Panel
The 2.7-inch, 230,000-dot (approx.) LCD monitor is especially convenient when shooting wide-screen images. Just use a finger on the touch panel (screen) to start playback, make menu settings, and even focus the camera. You can rotate the LCD monitor 180 degrees for easier viewing when shooting low-angle or other difficult shots. This lets you check the framing and parameter display on the LCD monitor as you shoot.

Quick, Easy Focusing
HD Focus Assist

■ Center zoom/Focus bar function
The center zoom function enlarges the center or the frame for better visibility, and HD focus assist displays a bar that grows and shrinks to indicate the degree of focusing.

■ Push auto function
Pressing the Push auto button in manual mode temporarily activates the Auto Focus (AF) system for quick focusing.

■ Face detection function
The AG-HMC40 is the first professional model to include the Face detection function. It “recognizes” faces near the center of the screen and focuses on them.4

■ Touch Auto Focus (AF) function
This function lets you focus by simply touching the subject on the LCD monitor. A green frame appears around the subject for quick, easy focusing.5

Adjust the Image Quality While Watching the Signal Level
Waveform Monitor Display
A horizontal analysis of the input signal’s brightness level can be displayed on the monitor. This lets you adjust the standard black and while levels while checking the Waveform Monitor (WFM), making it easy to get highly accurate adjustments.

■ Easy-to-see LCD

TC (time-code) Waveform Monitor Remaining Battery

Zoom Number
Displayed from ZO to 28x. Handy for remembering the angle of view.

Convenient for Low-angle Shooting
Tilt-up Viewfinder
The viewfinder can be tilted upward about 70 degrees, and the large eyepiece is excellent for blocking out light from the sun and other sources.

■ Iris Adjustment and Zoom Operation
Manual Focus Ring
The manual focus ring can be used to control the iris too, by switching the Focus Ring (Focus/ Iris) selector. Use it however way best fits the shooting situation. For example, you can set the camera to Auto Focus and use the manual focus ring to control the zooming. You can also add backlight correction or spot light correction to the auto aperture function.

*1 The AG-HMC40 does not offer AF tracking.
*2 The manual focus mode, the focus frame disappears once the camera has locked onto the subject.

More Efficient than Tape
Versatile Solid-state Recording Functions

■ Shot mark
To simplify shot selection, you can add a mark to the thumbnail images of each clip. Then you can display and play only the clips that have shot marks.

■ Pre-REC
This helps to ensure you always get the shot you want, by letting you continuously store, and subsequently record, images and sounds for three seconds before the REC button is pressed in standby mode.

■ REC check
You can check the end of the most recently recorded clip with one-touch ease.

■ Last clip delete
Only the most recently recorded clip is deleted with this one-touch function, adding practical convenience to everyday operation. It can be assigned as a User button function if desired.

■ Meta-data recording
The date, camera operator, location, title and other information can be added to the video data.

Fast Scene Searches
LCD Monitor Thumbnail View

Image data is recorded as a file for each scene. Thumbnail images and file information are automatically attached to each file to enable smooth, easy confirmation and deletion of files displayed on the LCD monitor.

■ HD multi-format recording

<table>
<thead>
<tr>
<th>Recording Mode</th>
<th>Image Size (px x px)</th>
<th>Bit Rate</th>
<th>Max. Recording Time with a 32GB SDHC Memory Card</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH Mode</td>
<td>1920 x 1080</td>
<td>Approx. 21 Mbps (Average), Approx. 24 Mbps (Peak)</td>
<td>Approx. 240 minutes</td>
</tr>
<tr>
<td>HA Mode</td>
<td>1920 x 1080</td>
<td>Approx. 17 Mbps (Average)</td>
<td>Approx. 270 minutes</td>
</tr>
<tr>
<td>HG Mode</td>
<td>1920 x 1080</td>
<td>Approx. 13 Mbps (Average)</td>
<td>Approx. 320 minutes</td>
</tr>
<tr>
<td>HE Mode</td>
<td>1440 x 1080</td>
<td>Approx. 8 Mbps (Average)</td>
<td>Approx. 700 minutes</td>
</tr>
</tbody>
</table>

This file format is the AVCHD format that features high-quality, long-time recording.

■ Records for 180 minutes (approx.) in the highest-quality (PH) mode

HD Focus Assist

■ Center zoom/Focus bar function
The center zoom function enlarges the center or the frame for better visibility, and HD focus assist displays a bar that grows and shrinks to indicate the degree of focusing.

■ Push auto function
Pressing the Push auto button in manual mode temporarily activates the Auto Focus (AF) system for quick focusing.

■ Face detection function
The AG-HMC40 is the first professional model to include the Face detection function. It “recognizes” faces near the center of the screen and focuses on them.

■ Touch Auto Focus (AF) function
This function lets you focus by simply touching the subject on the LCD monitor. A green frame appears around the subject for quick, easy focusing.

AVCHD Format for High-quality, Efficient HD Recording
This format complies with the latest H.264 motion image compression standard, and employs the High Profile standard to improve compression efficiency. Featuring twice the compression efficiency of HD MPEG-2, the AG-HMC40 achieves extended HD recording.

■ MPEG-4 AVC/H.264 Technologies
  ■ Intra-frame Prediction
  ■ Variable Block Size Motion Compensation
  ■ Loop Filter Prevents the Propagation of Compression Distortion
  ■ Variable Bit Rate Encoding (VBR)

■ Comparison of HD Recording Formats

<table>
<thead>
<tr>
<th></th>
<th>HDW</th>
<th>AVCHD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel (H x V)</td>
<td>1440 x 1080</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Compression Method</td>
<td>MPEG-2</td>
<td>MPEG-4 AVC/H.264</td>
</tr>
</tbody>
</table>
Perfect for a Host of Applications
Enhanced Interfaces for Professional Uses

On-site Recording and Monitoring

Convenient Recording Functions

- Interval REC
  You can make automatic, intermittent recordings at set intervals from one frame per second to one frame every two minutes. For example, use Interval REC to record operations at a construction site, to shoot sunsets, or to capture time-lapse recordings of growing plants.
  *The maximum recording interval is 24 hours.

- Time stamp
  You can insert time and data information into the video signal. This could be convenient, for example, when observing animals over an extended period, in certain academic uses, in surveillance, court reporting, legal depositions or law enforcement applications.
  *Only for motion images.

Wide Range of Settings

Slow Shutter and Synchro Scan Functions

The slow shutter function uses image accumulation to allow shutter speeds with frame rates reduced by half or more. This accumulation method provides bright color images with less noise than those captured using conventional gain-up, so you get the higher sensitivity needed for nighttime shooting without illumination. And the Synchro Scan function is ideal for capturing images on monitors.

One-touch Operation of Key Functions

Three User Buttons

The AG-HMC40 lets you assign any three of the following 14 functions to the three User buttons for instant access.

- INH • (PUSH) AF
- BACKLIGHT • SPOTLIGHT
- BLACKFADE • WHITEFADE • ATW
- HIGH GAIN • D.ZOOM • EVF DTL • SHOT MARK
- LAST CLIP • WFM

Other Functional Features

- White balance: 2-value memory (channel A, channel B), 2-value preset (200k, 3200k) and Auto Tracking White (ATW).
- Mode check: Displays a list of the camera settings on the viewfinder and monitor.
- Zebra: Select any two levels from among 50% to 105%, in 5% steps.
- Center marker: Provides an accurate numeric display of the brightness at screen center.
- Color bar: Provides a useful test pattern for setting up your monitor and 1 kHz audio test tone.
- TC/UB recording: Provides a built-in SMPTE time-code generator.
- Camera remote control: Allows use of any camera remote controller that is compatible with the AG-DVX100/HVX200/HMC150.
- Smooth zoom stop: Use the menu to select standard or smooth zoom stopping.

Professional Audio Quality

Detachable XLR adapter (option)

The AG-HMC40 comes equipped with a built-in stereo microphone and a 3.5mm EXT, mic-in jack. Adding the optional AG-MYA30G XLR adapter provides compatibility with professional-use XLR terminals for audio output from microphones and Public Audio (PA) systems in studios and auditoriums. Line recording and 48V Phantom powered microphone recordings are possible from the XLR terminals. Featuring two XLR audio input terminals and level controls, the adapter lets you independently switch ch 1 or ch 2 to microphone or line input, with each having its own level adjustment. (Input 2 can be assigned to both ch 1 and ch 2.)

SD Down-conversion Output

Recording or Playback Images

The AG-HMC40 is equipped with both component (Mini D4) video outputs and AV output (AV multi terminal), allowing HD images to be down-converted and output as SD images while they are being recorded or played. At the same time, a 16:9 or 4:3 aspect ratio can be selected for side crop, letterbox, or squeeze images. Audio output (AV multi terminals 2 channels) enables a wide variety of applications, such as viewing on an external monitor or SD dubbing.

Monitor Connection

HDMI Output Terminal

The AG-HMC40 is equipped with an HDMI (High Definition Multimedia Interface) output terminal for digital transferring of high-quality HD video and audio signals.
  *The AG-HMC40 cannot output HDMI, component and composite signals at the same time.

PC Connection via USB 2.0 (Type mini B)

The standard USB terminal (Type mini B) allows the AG-HMC40 to connect to a Windows PC/Mac in device mode. This lets a Windows PC/Mac installed with the provided AVCCAM Viewer software to upload, copy, and write HD video files, as well as transfer them to AVCHD-compatible editing software for HD production.
AVCHD Nonlinear Editing

Compatibility with existing HD editing environments. AVCHD files can be transferred at high speed by using the USB 2.0 interface to connect the AG-HMC40 or an SD Memory Card reader to a Windows PC. This dramatically improves productivity when compared with the time-consuming task of digitizing.

**Features**
- Supports i.LINK (IEEE 1394) bus speeds up to 400 Mbps.
- USB 2.0 jack (Hi-Speed)
- Compact Flash slots: 1 slot
- Supports SD Memory Card
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System** (Windows PC only)

This software makes it simple and easy to edit full-HD images, and also lets you burn Blu-ray and DVD discs.

**Features**
- Supports all AVCHD file formats in Windows and Mac.
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System**

Compatibility with existing HD editing environments. AVCHD files can be transferred at high speed by using the USB 2.0 interface to connect the AG-HMC40 or an SD Memory Card reader to a Windows PC. This dramatically improves productivity when compared with the time-consuming task of digitizing.

**Features**
- Supports i.LINK (IEEE 1394) bus speeds up to 400 Mbps.
- USB 2.0 jack (Hi-Speed)
- Compact Flash slots: 1 slot
- Supports SD Memory Card
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System** (Windows PC only)

This software makes it simple and easy to edit full-HD images, and also lets you burn Blu-ray and DVD discs.

**Features**
- Supports all AVCHD file formats in Windows and Mac.
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System**

Compatibility with existing HD editing environments. AVCHD files can be transferred at high speed by using the USB 2.0 interface to connect the AG-HMC40 or an SD Memory Card reader to a Windows PC. This dramatically improves productivity when compared with the time-consuming task of digitizing.

**Features**
- Supports i.LINK (IEEE 1394) bus speeds up to 400 Mbps.
- USB 2.0 jack (Hi-Speed)
- Compact Flash slots: 1 slot
- Supports SD Memory Card
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System** (Windows PC only)

This software makes it simple and easy to edit full-HD images, and also lets you burn Blu-ray and DVD discs.

**Features**
- Supports all AVCHD file formats in Windows and Mac.
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System**

Compatibility with existing HD editing environments. AVCHD files can be transferred at high speed by using the USB 2.0 interface to connect the AG-HMC40 or an SD Memory Card reader to a Windows PC. This dramatically improves productivity when compared with the time-consuming task of digitizing.

**Features**
- Supports i.LINK (IEEE 1394) bus speeds up to 400 Mbps.
- USB 2.0 jack (Hi-Speed)
- Compact Flash slots: 1 slot
- Supports SD Memory Card
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System** (Windows PC only)

This software makes it simple and easy to edit full-HD images, and also lets you burn Blu-ray and DVD discs.

**Features**
- Supports all AVCHD file formats in Windows and Mac.
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System

**AVCHD Nonlinear Editing System**

Compatibility with existing HD editing environments. AVCHD files can be transferred at high speed by using the USB 2.0 interface to connect the AG-HMC40 or an SD Memory Card reader to a Windows PC. This dramatically improves productivity when compared with the time-consuming task of digitizing.

**Features**
- Supports i.LINK (IEEE 1394) bus speeds up to 400 Mbps.
- USB 2.0 jack (Hi-Speed)
- Compact Flash slots: 1 slot
- Supports SD Memory Card
- Supports AVCHD Nonlinear Editing software
- Supports AVCHD Nonlinear Editing System
P2 Asset Support System The member's service program
Providing valuable information when you need it

P2 Asset Support System assists your P2 HD and AVCCAM use by providing extended warranty repairs & various technical information (update notices, operation guides, etc.) upon registration.

Free registration, no membership fees

- 5-year or 3-year extended warranty repairs
Exclusive offer for P2 HD and AVCCAM! Maximum 5-year and 3-year extended warranty repairs are applied for P2 HD and AVCCAM models after registration. Several other services are also provided to members.

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>4th year</th>
<th>5th year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic warranty</td>
<td>AvCCAM</td>
<td>P2-HD Extended warranty repair</td>
<td>AvCCAM</td>
<td>Extended warranty repair</td>
</tr>
</tbody>
</table>

- Latest news only for you
In the member's website, information is selected and presented for your models only. To be alerted to new firmware information and other releases, an email newsletter can be subscribed to.

- Document library
You can browse through and find various technical information (operation guides, technical descriptions, etc.) quickly from the library.

- Manage your equipment
You can easily know the update status and past service history of each unit, and can leave comments in free text as memos about your equipment.

Details and user registration: For US Customer: www.panasonic.com/broadcast
For Outside US: http://panasonic.biz/sav/pass_e

Please refer to the latest Nonlinear Compatibility Information, AVCHD Support and Download and Service Information, etc. at panasonic website.

For US Customer: www.panasonic.com/avccam
For Outside US: https://eww.pavc.panasonic.co.jp/pro-av/index.html

Panasonic Broadcast & Television Systems Company
3 Panasonic Way, Secaucus, NJ 07094 (201) 248-6000
www.panasonic.com/broadcast

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario L4W 2T3 (905) 624-6000
www.panasonic.ca e-mail: broadcast@panasonic.ca

Panasonic Corporation
Systems Business Group
2-15 Matsubara-cho, Kadoma, Osaka, 571-8508, Japan
Tel. 81-6-6901-1161 Fax. 81-6-6905-5269

Panasonic Marketing SALES TAIWAN Co., Ltd
579, Yuan Shan Road, Chung-Ho, Taipei Hsien, Taiwan
Tel. 886-2-2227-6214 Fax. 886-2-2227-8297

Panasonic Korea Ltd.
Seohyun Bldg. 1718-9, Seocho-Dong, Seocho-Gu, Seoul, Korea
Tel. 82-2-2106-6541 FAX. 82-2-233-8700

Broadcast and Communication Company of Asia, Inc.
R-1922A Talkeina Tower II Exchange Road Ortigas Center
Pasig City, Philippines
Tel. 63-2-533-6162 Fax. 63-2-531-1851

Panasonic Latin America S.A.
Caribe Centro Americas, Venezuela, Colombia, Ecuador, Bolivia, Uruguay, Paraguay, Chile
Tel. 507-229-2095 Fax. 507-229-2596

Panasonic do Peru S.A.
Tel. 55-1-414-0000 FAX. 55-1-412-0415

Panasonic do Brasil Ltda.
Tel. 55-11-3389-4333 Fax. 55-11-3389-4004

ISO 9001
ISO 14001
JACO
UKAS

SP-HMC48PE1

15K0907SM-1 Printed in Japan