

AW-HE40 – Recording and Playback Using SD Card

★ Using microSD memory cards, recording and playback in MP4 format are possible. Moreover, recorded videos can be downloaded to PC.

- This feature is equipped as standard by the camera's software Ver. 1.32 and later. For the latest software, please check the following website.

http://eww.pass.panasonic.co.jp/pro-av/support/content/download/EN/ep2main/soft/upghe40_e.htm

- The recording and playback can be controlled from the Web screen only.

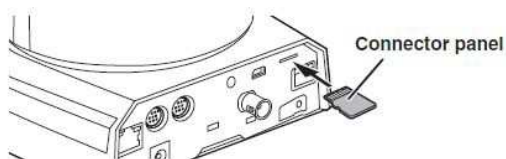
* For the connection with PC, please refer to the following Manual "[Controlling AW-HE40 Camera via PC](#)".

http://eww.pass.panasonic.co.jp/pro-av/support/content/faq/EN/remcam/4_.pdf

Usable SD Cards

SD card type	Recording capacity	Speed class
microSDHC	4GB to 32GB	Speed class 10 or higher
microSDXC	64GB to 128GB	

Inserting and Ejecting an SD Card (Optional Accessory)



- Aim the connector panel in the direction shown in the left figure, and then insert the card straight until it comes to the end and makes a click.

- To eject the card, push it until it makes a click, and then pull it out straight.

Preparation and Setting for Recording

① Start the Web screen.

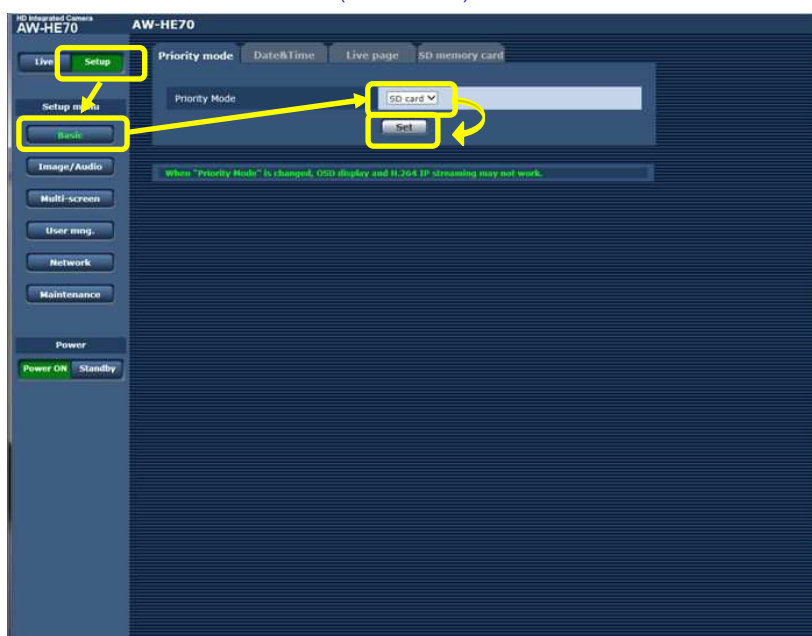
② Set the Priority Mode to [SD card].

* When this mode is [SD card], IP images are in 640x360 and 320x180 formats (MJPEG) only.

Procedure: [Setup] > [Basic] > [Priority Mode] => Select [SD card] => [Set]

* If the login screen is displayed, please enter the user name and password.

(Web Screen)



- ③ At the SD card tab [SD memory card], configure the format settings for the video to be recorded to an SD card, or initialize a card.

(Web Screen)

Recording format
Set the size, frame rate and bit rate of the video to be recorded to an SD card.
* Press [Set] button after the setting is selected.

Record tally
Turn On/Off the function for the tally lamp to be lit up in red while recording.
* Press [Set] button after the setting is selected.

Format
Formatting (initialization) of the card is executed.

Remaining capacity (Remaining capacity / Original capacity)
Remaining capacity and total capacity of the card are displayed.

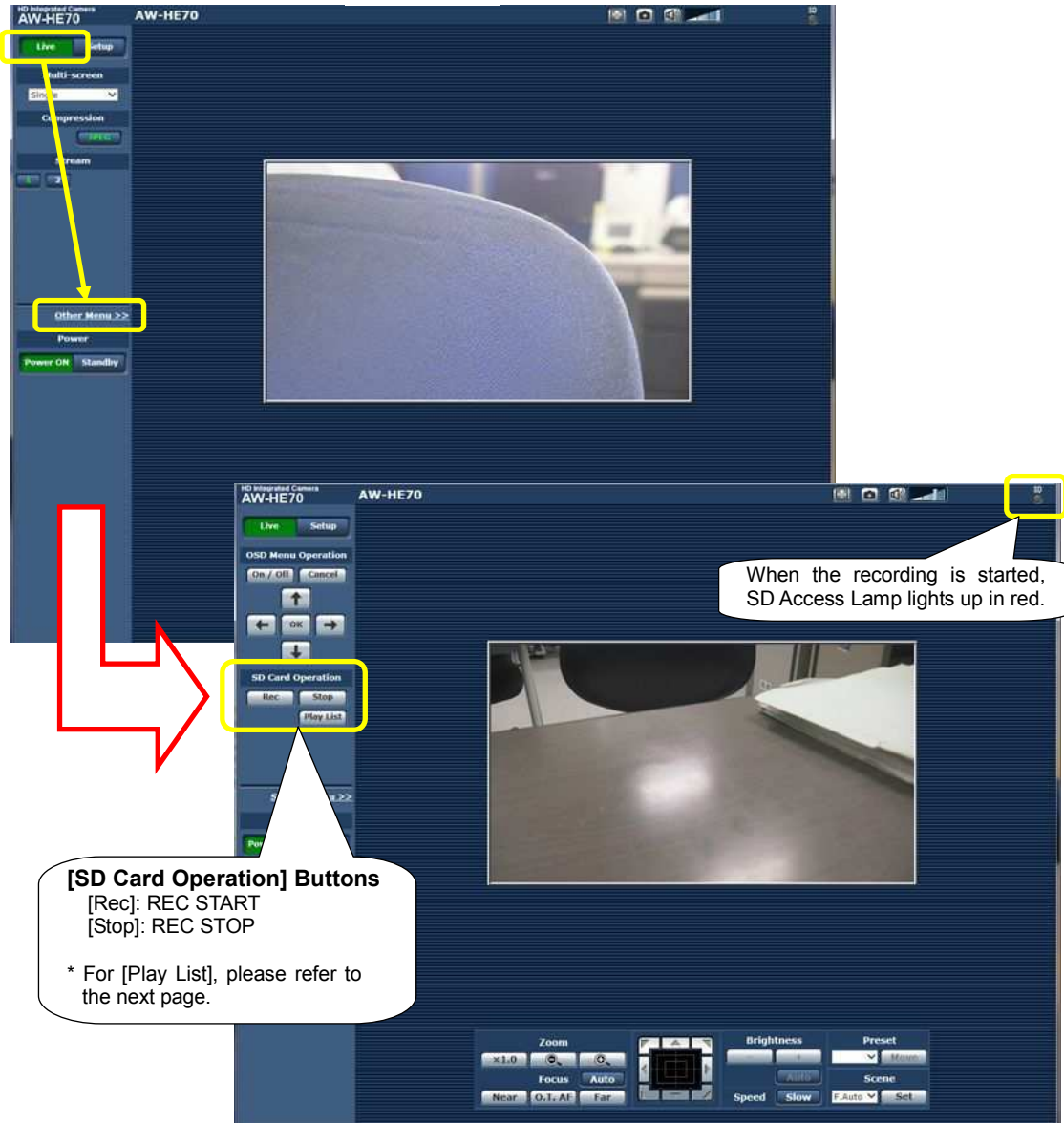
Recording Modes and Recording Durations (roughly)

Recording format / Bit rate			SD card capacity / Recording duration		
System frequency 59.94Hz	System frequency 50Hz	Bit rate	4GB	16GB	64GB
1920 X 1080/59.94p	1920 X 1080/50p	UP to 28 Mbps	Approx. 19 minutes	Approx. 1 hour 20 minutes	Approx. 5 hours 20 minutes
1920 X 1080/29.97p	1920 X 1080/25p	Average 15 Mbps	Approx. 30 minutes	Approx. 2 hours	Approx. 9 hours
		Average 10 Mbps	Approx. 45 minutes	Approx. 3 hours	Approx. 13 hours 30 minutes
		Average 6 Mbps	Approx. 1 hour 15 minutes	Approx. 5 hours 30 minutes	Approx. 23 hours
1280 X 720/59.94p	1280 X 720/50p	Average 15 Mbps	Approx. 30 minutes	Approx. 2 hours	Approx. 9 hours
1280 X 720/29.97p	1280 X 720/25p	Average 8 Mbps	Approx. 1 hour	Approx. 4 hours	Approx. 17 hours 30 minutes
		Average 4 Mbps	Approx. 2 hours	Approx. 8 hours 30 minutes	Approx. 35 hours 30 minutes
		Average 2 Mbps	Approx. 4 hours	Approx. 17 hours 30 minutes	Approx. 72 hours
		Average 1 Mbps	Approx. 8 hours 30 minutes	Approx. 35 hours 30 minutes	Approx. 145 hours

Recording

- 1 Click [Live] on the Web screen and then click [Other Menu >>]. [SD Card Operation] Buttons will be displayed.

(Web Screen)



(Restrictions in Recording)

- The maximum recording duration is up to 8 hours. If the recording exceeds 8 hours, the camera pauses the recording and then resumes it automatically.
- Menu operation, display of the OSD menu, switching of the shooting mode and switching to the Web setup screen [Setup] are not possible during the recording.

Playing Back

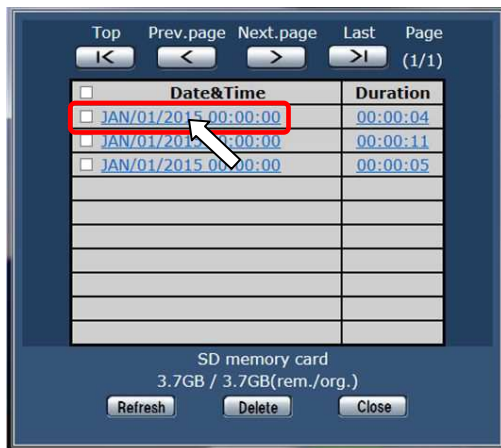
- ① Click [Play List] of [SD Card Operation] Buttons to display the "Play List Screen".
- ② On the "Play List Screen", click the content to be played from the list of recordings. "Playback Screen" will be displayed.

Perform the playback operations using the buttons on the "Playback Screen".

* Recorded video is played back but the audio is not played.

* Recorded video can be played back on the Web screen, but cannot be output through the monitor output.


(Play List Screen)



(Playback Screen)



Downloading a Video File

- ① Click  on the "Playback Screen". The file being played on the screen can be downloaded to a connected PC. Specify the save destination on PC to download it.

We have posted "Frequently Asked Questions" about Panasonic Integrated Cameras on our website. Please find it at the link below.

http://www.pass.panasonic.co.jp/pro-av/support/content/faq/EN/faq_remote_cam.htm