Emerson™
HD Digital Video Camera
DIGITAL VIDEO

User Guide
EVC720

In the box

Digital Video Camera	User Guide	Storage Pouch
HDMI cable	Audio/Video Cable (connects to your TV)	USB Cable (connects to your computer)
CD-ROM (MAGIX Photo and video suite)	4 GB Micro SD Card	2 AA batteries

Setting up your camera

Battery Installation
1. Open the battery cover by pushing the battery cover open switch.
2. Insert 2 alkaline "AA" size batteries into the compartment.
3. Close the battery cover.

Battery cover switch

Back view

SD card installation
This camera has no internal memory and requires an **SD /SDHC** card **(4 GB SD card included)** to record videos or take pictures. The camera can support SD/SDHC cards up to **32GB**. To install the SD card into the camera, follow the steps below:
1. Turn off the camera.
2. Insert the SD card into the card slot on the bottom of the camera until it clicks and locks into place.
3. To remove the card, gently push it in until it pops out.

ℹ️ The SD card can only be inserted one way, do not use force when inserting the memory card

Location of controls

- TFT LCD Screen
- [MENU] button
- [△] button / Zoom in
- [BUSY INDICATOR] light
- [PLAY BACK] button
- [MODE] button
- [▷] button / Self timer
- [OK] button
- [◁] button / flash toggle
- [▽] button / Zoom out
- [POWER] button
- Speaker
- [RECORD] button
- USB jack
- HDMI Out
- A/V Out Jack
- Light
- Lense
- Microphone
- [POWER] button

Using your camera

Turning the camera on/off
1. To turn the camera on, press and HOLD the **[POWER]** button until the display turns on.
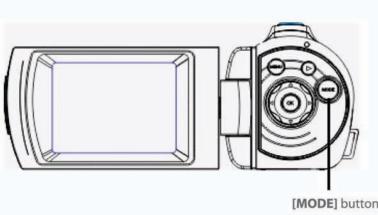2. To turn the camera off, press and HOLD the **[POWER]** button until the display turns off.

Camera modes

When you turn on the camera, the default mode is **Video Mode**. To scroll through and select one of the camera modes below, press the **[MODE]** button until the desired mode is displayed.

[MODE] button

Press the **[MODE]** button to switch between:
- Video Mode - Record videos
  or
- Picture Mode - Take Pictures
  or
- Playback Mode - Playback videos or view pictures

Video Mode

1. Make sure that an SD card is inserted into the camera.
2. Turn on the camera, the **Standby Recording Screen** is displayed and the camera is in the **Video Mode**.
3. Press the **[RECORD]** button, the Recording Screen is displayed and the camera is recording video.
4. To stop recording, press the **[RECORD]** button once again, and the display returns to the **Standby Recording Screen**.

Standby Recording Screen
1. Video Mode Icon
2. White balance
3. Metering
4. Movie size
5. Recording time (video)
6. SD card indicator
7. Digital zoom indicator
8. Battery Indicator

Zoom
Use the **[▲]** and **[▼]** button to zoom in and out when recording video, taking photos or viewing Still images.

LED Light
Press the **[◀]** button to turn the LED light On or Off.

Picture Mode

1. Make sure that an SD card is inserted into the camera.
2. Turn on the camera, and press the **[MODE]** button once to enter the **Picture Mode** (the **Picture Mode Screen** is displayed).
3. Press the **[RECORD]** button to take a picture.

Picture Mode Screen
1. Picture Mode Icon
2. Self timer
3. White balance
4. Metering
5. Exposure mode
6. Resolution
7. Image quality
8. Number of photos that can be taken
9. SD card indicator
10. Self timer countdown
11. Digital zoom indicator
12. Battery indicator

Self timer and continuous shooting
1. Press the **[▶]** button to select 2 seconds, 10 seconds self timer, or burst, and then press the **[RECORD]** button.
2. When you select 2 or 10 seconds self timer, the timer starts counting down from 2 or 10 seconds, and the camera takes a picture; when you select burst, the camera takes 3 pictures continuously.
3. Press the **[RECORD]** button to start self timer or burst snapshot.
4. Press the **[▶]** button to turn off the self timer or burst feature.

Playback Mode

1. Turn on the camera, and press the **[MODE]** button twice to enter the **Playback mode**.
2. Use the **[◀]** or **[▶]** button to select a video or picture.
3. If you select a video, press the **[OK]** button to start or stop the playback.
4. Press the **[MODE]** button again to return to the **Video Mode** or Picture Mode.
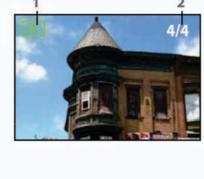
Video Playback Screen
1. Playback Mode Icon
2. Number of saved videos
3. File type (video file)

Picture Playback Screen
1. Playback Mode Icon
2. Number of saved pictures

System Settings

Press the **[Menu]** button within any mode and follow the steps below to access the **System Settings Screen**.
1. Use the **[▶]** button to select **[🔧]**.
2. Use the **[▲] [▼]** buttons to select an option, and confirm by pressing the **[OK]** button.
3. Press the **[Menu]** button to exit the **System Settings Screen**.

Default Screen → System Settings Screen

System Settings Options
SOUNDS	shutter(on/off),start-up(1/2/3/none),Beep(on/off),Volume(0/1/2/3)
AUTO REVIEW	off/ 1sec/ 3 sec
POWER FREQUENCY	50Hz / 60Hz
POWER SAVE	Select 1, 3, or 5 minutes. To conserve battery power, the camera will shut off if no buttons are pressed within the selected time.
DATE & TIME	adjust date & time
LANGUAGE	adjust display language.
TV OUT	PAL / NTSC
FORMAT	Format the SD / SDHC card (Deletes everything on the card).
RESET ALL	Reset the camera to factory default settings.

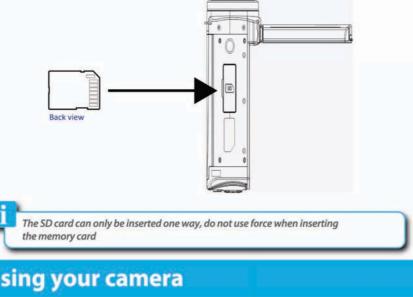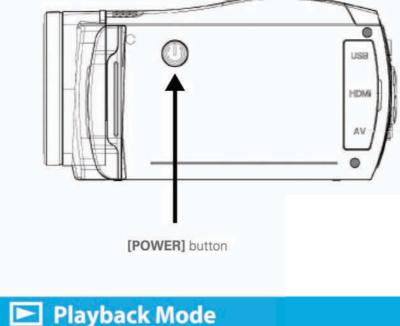## Video Mode Settings

1. Press the **[MODE]** button until the **Video Mode** is selected.
2. Press the **[Menu]** button to access the **Video Mode Settings Screen**.
3. Use the **[▲] [▼]** buttons to select an option, and confirm by pressing the **[OK]** button.
4. Press the **[Menu]** button to exit the **Video Mode Settings Screen**.

Video Mode Settings Screen

Select and confirm options

Video Mode Settings Options
MOVIE SIZE	• **1920 x 1080** (highest quality video/shortest recording time) • **1280 x 720** (higher quality video/shorter recording time) • **640 x 480** (lowest quality video/longest recording time)
METERING	• Center / Multi / Spot
WHITE BALANCE	• Auto / Daylight / Cloudy / Fluorescent / Tungsten
EFFECT	• Normal / B&W / Sepia / Negative / Red / Green / Blue
DATE STAMP	• off/ date/ date & time

Picture Mode Settings

1. Press the **[MODE]** button until the **Picture Mode** is selected.
2. Press the **[Menu]** button to access the **Picture Mode Settings Screen**.
3. Use the **[▲] [▼]** buttons to select an option, and confirm by pressing the **[OK]** button.
4. Press the **[Menu]** button to exit the **Picture Mode Settings Screen**.

Picture Mode Settings Screen

Select and confirm options

Picture Mode Settings Options
RESOLUTION	5M (2592x1944)/3M(2048x1536)/1.3M(1280x1024)
QUALITY	Super fine / Fine / Normal
METERING	Center / Multi / Spot
FD METERING	on / off
WHITE BALANCE	Auto / Daylight / Cloudy / Fluorescent / Tungsten
EXPOSURE	Adjust the exposure
DRIVER MODE	"0ff" (disables the Picture Mode), "2" or "10" second options (self timer), "Burst"
EFFECT	Normal / B&W / Sepia / Negative / Red / Green / Blue
DATE STAMP	off/ date/ date & time
FACE DETECT	on / off
SMILE CAPTURE	on / off
ANTI SHAKE	on / off
ISO	100 / 200 /400

Playback Settings

1. Press the **[▶]** button to select playback mode.
2. Press the **[MENU]** button to access the **Playback Mode Settings Screen**.
3. Use the **[▲] [▼]** buttons to select an option, and confirm by pressing the **[OK]** button.
4. Press the **[MENU]** button to exit the **Playback Mode Settings Screen**.

Playback Mode Settings Screen

Select and confirm options

Playback Mode Settings Options
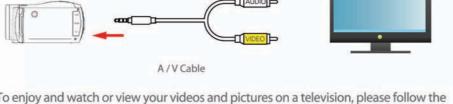|	
LOCK	Lock one or all of your picture and video files. When locked they will not be able to be deleted.
DELETE	"One" (Delete the currently displayed video or picture) or "All"
SLIDE SHOW	Start a slide show, and adjust the slide show settings
VOICE MEMO	Add/Delete

Connecting the camera

Connecting your camera to a TV

A / V Cable

Computer

To enjoy and watch or view your videos and pictures on a television, please follow the instructions below:

1. Connect the black plug of the provided A / V Cable to your camera's A / V OUT jack.
2. Connect the yellow and white plugs to your television's matching video (yellow) and audio (red or white) inputs.
3. Turn on the camera - the display will turn on briefly and shut.
4. Click on your television's **"Input"** button until you see the live feed from the camera.
5. Press the **[MODE]** button to enter the **Playback Mode (▶)**.
6. Use the **[◀]** or **[▶]** button to select a video file, and press the **[RECORD]** button to begin or stop playback.
7. Use the **[◀]** or **[▶]** to rewind and fast forward.

OR

Select a JPG picture and press the **[MENU]** button, then select **"Slide Show"** from the playback mode settings screen. Press the **[▶]** button and select **"Start"** to being a slideshow of all the picture's stored on the camera's sd card.

Connect your camera to a computer

Computer

To edit or upload and share your videos and pictures, you must first transfer them to your computer. Follow the steps below to connect the camera to your computer, and use the provided MAGIX software to manage, view, edit and share your videos and pictures.

1. Make sure the camera is turned off, and that an SD / SDHC card is inserted in the camera before connecting it to your computer.
2. Insert the smaller end of the USB cable into the camera's USB port.
3. Connect the larger end of the USB cable into your computer's USB port.
4. Turn ON the camera.
5. Look for your camera by clicking on **"My Computer"**, it should usually appear as "Removable Disk". Select a file on your camera, and simply move it into your computer (we recommend copying the files into the **"My Videos"** or **"My Pictures"** folder of your computer) in the usual way (drag-and-drop, copy-paste), OR open the MAGIX software to easily locate your camera and transfer, view, edit, and upload your video and picture files (see **"MAGIX photo and video suite"**).
6. Before disconnecting the camera, click on the **"Safely Remove Hardware"** icon usually located on the lower right corner of your desktop.

ℹ️ Please do not disconnect the USB cable during loading, as it may cause damage to the camera and the files on the SD card.

MAGIX Photo and video suite

Installing
Install the included MAGIX Photo and video suite software before connecting the video camera to your computer. With the software you will be able to manage, view, edit,transfer, and easily upload/share your videos and pictures. Follow the instructions below to install the MAGIX Photo and video suite onto your computer.

Installation CD → Computer → MAGIX Photo and video suite

Install MAGIX video easy SE
1. Insert the provided CD into the CD-ROM drive of your computer, and click on **"Install MAGIX video easy SE"**.
2. Click **"Install"**, then follow the installation instructions.
3. Click **"Next"** when prompted and **"Finish"**.
4. To open the MAGIX video easy SE , click the **"MAGIX Video Easy SE"** icon on your Desktop.

ℹ️ Note: Don't forget to install the Quick Time Player during installing the MAGIX video easy SE. "http://www.apple.com/quicktime/"

1. Open MAGIX video easy SE.

2. Register the software on line by clicking on **"Program registration"**.

Transferring videos from the camera to your computer

1. Open MAGIX video easy SE.

2. Click **"Create new video project"**.

3. Name the project.

4. Click **"Select file(s) from the computer"**, then locate the videos or pictures you saved from the camera (see "Connect your camera to a computer"). If you camera is connected to the computer, you can located the files by selecting **"Removable Disk"** from **"My Computer"** located in the **"Start Menu"**.

Viewing and editing videos on your computer
1. From the main screen click on **"Insert video"**.

- Brightness, contrast saturation & color shape.
- Title and text

2. Select a video and click to play.
3. Double click the video to play it in full screen.
4. Edit the video by changing the brightness, contrast,saturation and color shape.
5. Title and text: Select this tab to add a title or other text to the object.

Uploading videos to Youtube
1. Select a video.
2. From the main screen click on **"Finish movie"**.

3. Click on the Youtube Icon.

Viewing and editing pictures on your computer
1. Insert the provided CD into the CD-ROM drive of your computer, and click on **"Install MAGIX Photo Manager MX"**.

NOTE: You must have an internet connection to download this software

2. Select the language then click **"Continue"**. The software will download automatically from the MAGIX website. When finished, click **"Next"**.
3. To open MAGIX Photo Manager MX, click on the **MAGIX Photo Manager MX** icon on your desktop.
4. Select the photos from the folder.
5. Select a picture, and click on the **"Optimize"** icon.

6. Within the **"Optimize"** screen you can:
- Adjust the brightness
- Adjust the contrast
- Adjust the sharpness
- Eliminate red eye
- Clipping
- Straighten horizon
- Black and white effect
- Adjust the saturation
- Adjust the temperature

7. To view insturctional videos for this software click on **"Help"** then select **"View video tutorials"**.

4. Enter the required information and click **"Upload"**.
5. Enter your Youtube username and password, then click **"OK"**.

6. If the video successfully uploaded, you will see the message belows. Click **"Save on computer"** to save the video files to your computer.

Webcam feature

Installing the WebCam Driver
You Digital Video Camera may also be used as a webcam. This feature is quite useful if you would like to utilize the video function on Skype™ and other similar applications. To use the camera as a webcam you must first install the **Webcam** driver. Follow the instructions below to install the driver and use the webcam feature.
1. Insert the provided CD into the CD-ROM drive of your computer, and click on the **"Install driver"**.
2. Click **"Next"**.
3. Click **"Install"** and **"Finish"** when prompted.

Installation CD → Computer

Using your camera as a web camera
1. Turn on the camera
2. Connect the small end of USB cable to the camera and the other end of USB cable to the computer
3. Press the [Mode] button, the camera will display "PC CAM"
4. You can now use your camera as webcam
5. Press the **[Menu]** button once again to exit the **System Settings**.
6. When you connect the camera, it will be recognized by your computer as webcam.

USB Cable

Computer

ℹ️ • You can press the [MODE] button to switch **"MSDC"** to **"PC CAM"** when you connect the the camera to the PC.
• We recommend using a tripod (not included) when using your camera as a webcam.
• When you set the camera to PCCAM, you will not be able to access the files on the card when connecting the camera to your computer. Make sure to set it back to its default setting by selecting "USB" and then "MSDC" in the system settings.

HDMI

Connecting your camera to an HDMI input
1. Connect the small end of the included HDMI cable to the camera, and the other end to the HDMI display
2. Turn on the camera and switch to Playback mode,your pictures / videos will be displayed.

HDMI Cable

Computer

Trouble Shooting

Camera will not turn on
• Check that the batteries are properly inserted.
• Try replacing the batteries.

The display does not light up, or the message "No Card" is displayed
• Check that the SD card is properly inserted into the card slot.

My videos / pictures are fuzzy or poor quality
• Try adjusting the "Movie Size" and "Frame Rate" from the Video Mode Settings Screen or the "Resolution" and "Quality" from the Picture Mode Settings Screen. Remember that choosing higher quality settings will take up more space on the memory card.
• Make sure to keep the camera steady when filming, and be aware of the lighting environment (the more light the better your pictures and videos will turn out).
• Avoid using the zoom too much, as it will affect the quality of your videos and pictures.
• Clean the lens of your camera, and make sure it is free of fingerprints (Clean only with a non abrasive dry cloth and make sure the player is turned off before cleaning).

My videos are jumpy or shaky
• Use a mini tripod.
• Adjust the video / picture quality to a higher setting.

Videos do not play on my TV
• Check that you have properly connected the A / V cable to the camera and TV inputs.
• Make sure that the camera is turned on (The display will beoff when you connect the A / V cable to the A / VOUT jack of the camera).
• Most televisions have several inputs, check on the TV or your TV's remote for the button that controls the inputs on your TV. Scroll through the different inputs until you see the live feed from the video camera.

My computer does not recognize the camera when I connect it to the USB port
• Check the connection of the USB cable, make sure it is properly connected.
• If you recently used the webcam feature, you must go to the System Settings Screen and select **"USB"** and choose the "MSDC" option.

Still having trouble with your camera? Please call or email customer support:

Customer Support:
☎ 1-877-768-8483 (Toll Free)
✉ cs@southerntelecom.com

Monday - Thursday: 9AM - 5PM (EST)
Friday: 9AM - 3PM (EST)

www.southerntelecom.com

FCC information

Limited Warranty

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