easypix®
CLIP TUBE
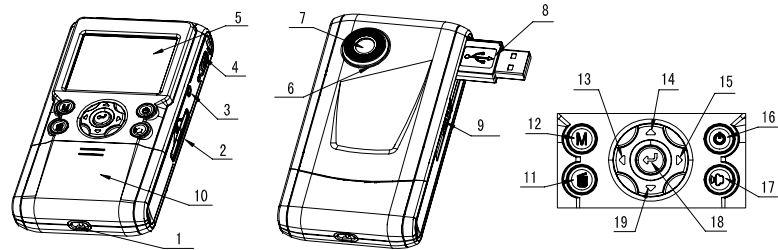# Manual

1. Get to know your DV (camera)

1.1 Features

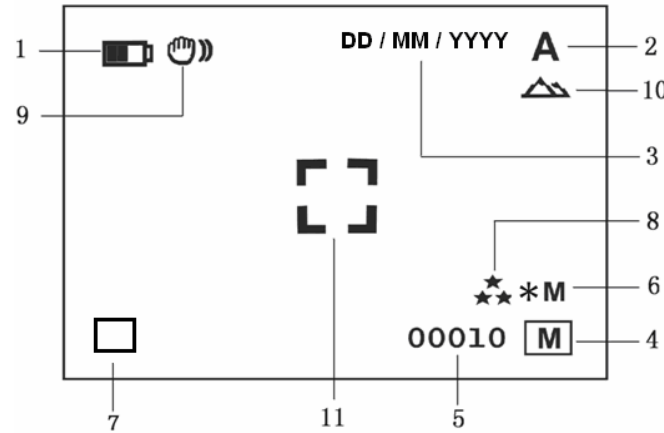5.0Mega pixels resolution sensor
Digital video camcorder
Digital still camera
TV output
2.0" LTPS real color display
Internal 64 MB flash memory and SD card support
Driver free for Windows XP/Vista and MAC 9.x and X.x
Macro mode

2. Functional parts:

1	Strap hook	Hook for attaching the wrist strap to the camera.
2	SD card slot	SD card slot.
3	AV port	For television connection.
4	Macro switch	**Macro mode:** Select this mode to take close-up photographs (distance 11cm - 18cm). **Normal mode:** Select this mode to take photographs from 0.5m - infinity.
5	LCD screen	Display photographs, video clips, camera setting and menu.
6	Microphone	For voice input.
7	Lens	Records the image to be taken. *Note: Keep the lens clean. Dirt and fingerprints will affect the quality of the picture.*
8	USB interface	Via this connection, you can download photographs and video clips to a computer.
9	USB switch	Slide it to pop-up the USB interface.
10	Battery door	2xAA alkaline batteries.
11	Delete	Press it to delete the photo or video clip in playback mode.
12	Mode	Press it to select different mode/Press and hold it to enter setting menu
13	Left	For menu LEFT selection
14	UP	UP & Digital zoom in.
15	Right	For menu right selection
16	Power on/off button	Press this button to turn on, press again to turn off.
17	Speaker	Speaker
18	REC	Press this button to take photographs or start/stop recording a video clip. and press it to confirm changes.
19	Down	Down & Digital zoom out.

3. Explanation of the status icons

Item	Function	Description
1	Battery indicator	The batteries are full. The batteries are empty.
2	Recording mode	A Setting for photographs taking. Setting for videos capture
3	Date stamp	Displays the date day/month/year
4	Memory or SD card indicator	Indicates memory or SD card M:Pictures stored in built-in memory :Pictures stored in SD card
5	Photo / Video counter	Photo mode :No. of balance picture can be taken; Video mode: Balance of recording time in second; Playback mode: The No. of pictures or video file.
6	Selected Resolution	12M= 4032x3024 8M= 3264x2448 5M= 2560x1920; 3.1M = 2048x1536; 2M= 1600x1200 1.3M= 1280x960; VGA= 640x480; QVGA= 320x240
7	Photo Recording Mode	: Single shot : Continue shot
8	Picture quality	The quality is fine (Default). The quality is standard. The quality is economy.
9	Brightness Alert	Alert user to hold the camera steadily.
10	Normal / Macro mode indicator	Normal mode (0.5m – infinity) Macro mode (11cm –18cm)
11	View center	

4. Details for DV (camera) setting

DC (Camera) Capture	Size	12M pixel resolution	4032 x 3024
		8.0M pixel resolution	3264 x 2448
		5.0M pixel resolution	2560 x 1920
		3.1M pixel resolution	2048 x 1536
		2.0M pixel resolution	1600 x 1200
		1.3M pixel resolution	1280 x 960
		VGA resolution	640 x 480
	Quality	Fine(Default)/Standard/ Economy	Picture quality set
	Scene mode	Auto(Default)/Sport/Landscape	Scene set
	Exposure value	+/-2, +/-5/3, +/-4/3, +/-2/3,+/-1/3 +/-1, 0(Default)	Level of exposure
	White balance	Auto (Default)	Automatic white balance
		Daylight	White balance selected for daylight surrounding
		Cloudy	White balance selected for cloudy surrounding
		Tungsten	White balance selected for tungsten lighting
		Fluorescent	White balance selected for fluorescent surrounding
	ISO	Auto(Default)/100/200	Sensitivity select
	Color	Standard (Default) / Vivid / Sepia / Monochrome	Color setting
	Saturation	Normal(Default) / High / Low	Saturation setting
	Sharpness	Normal(Default) / Hard /Soft	Sharpness setting
SET	Self timer	2s	Set the delay time at 2s to take a picture
		10s	Set the delay time at 10s to take a picture
		10+2s	Set the delay time at 10s to take a picture, and then every 2s to take pictures automatically.
	Date Input	Off(Default)/Set	DD,MM,YYYY
	Time Stamp	Off(Default)/Date Only/ Date & Time	Show the date and / or time on the pictures
	Burst	Off(Default)/On	Press REC key to take three photos.
DV (Video output)	Size	VGA	640 x 480
		QVGA	320 x 240
	Exposure value	+/-2, +/-5/3, +/-4/3, +/-2/3,+/-1/3 +/-1, 0(Default)	Level of exposure
	White balance	Auto (Default)	Automatic white balance
		Daylight	White balance selected for daylight surrounding
		Cloudy	White balance selected for cloudy surrounding
		Tungsten	White balance selected for tungsten lighting
		Fluorescent	White balance selected for fluorescent surrounding
Setup	Format	Execute/cancel	Format the memory card.
	Language	English/T-Chinese/S-Chinese/French/German/Italian/Spanish/Portuguese/Japanese	Select display language
	Auto off	1/3/5 min and Off	Auto power off in1min, 3min(default) or 5 min if no operation
	Sys. Reset	Execute/cancel	Restore default setting
	Light-Frequency (Flicker)	50Hz	Main European electricity frequency
		60Hz	Main American electricity frequency
	TV Out	NTSC	American and Japanese video format
		PAL	European video format.

Note: The camera will remain the last setting when it is turned off.

5. Using the DV(camera)

5.1 Installing the batteries

1. Open the battery door.
2. Insert2x AA alkaline batteries into the camera.
3. Press the POWER button to turn on the DV (camera)。

5.2 Inserting a memory card (not included)

This DV (camera) has built-in internal memory. This memory can be extended with a SD memory card (not included).
Follow the instructions given below to insert the optional SD memory card into the camera.
1. Turn off the camera first.
2. Insert the SD card into the camera.

Note: There is only one right direction to insert the SD memory card into the slot. Do not force the card into the slot, or else it may damage both the camera and the SD memory card.

Note: The SD memory card must be formatted before taking photographs. See the following sections for more information.

5.3 Formatting the memory or SD card

1. Press and hold Mode button to enter setting menu;
2. Select Setup setting by Right key and select Format mode by up or down key;
3. Press REC to confirm and select by up or down key.
4. Press REC to format the card or memory.

5.4 Setting the resolution

The DV (camera) can be set to different resolutions.
1. Press and hold Mode button to set proper resolution.
Resolution: VGA（640 x 480）, 1.3M（1280 x 960）, 2.0M（1600 x 1200）,

3.1M (2048 x 1536), 5M (2560 x 1920), 8M (3264 x 2448), 12M (4032 x 3024)

2. Different resolutions will be displayed. Select the desired resolution by using the ▲ or ▼ buttons and then press the REC button to confirm the selection.

5.5 Taking Video or photographs

1. Turn on the DV（camera）.
2. Press Mode to set the DV to photo mode (**A**) or video mode (📹).
3. Depending on the distance to the object being photographed, use Macro switch to adjust the distance. Select the flower symbol (❤) if you wish to take a close-up photograph (11cm –18cm).
   If you wish to take video or photograph of surroundings or people (0.5m - infinity),set the Macro switch to Normal mode (▲▲).
4. Use the LCD screen to aim the object you wish to take video or photograph.
5. Press REC button.

Caution: 1) Taking picture for fast-moving object is not recommended.
2) Image may be distorted when taking picture in a moving vehicle.

5.6 Zoom in and out

The DV can zoom in up to 8 times.
Zoom in or out by pressing the ▲or ▼ button, a number will appear on the display. 8.00 is the maximum zoom.

5.7 Taking photographs using self-timer function

You can use the self-timer function when you wish to take a photograph for yourself or when you wish to photograph for an object where the camera must be as still as possible.

1. Set the camera to photo mode.
2. Press and hold Mode button. The quick menu will appear.
3. Press ▲or ▼ to self-timer mode, press REC and ▲or ▼ to set the delay time: 2seconds / 10 seconds / 10+2seconds or off.
4. Press the REC button to confirm. The self-timer function is now ready for use.
5. Aim at the object you wish to photograph.
6. Press the REC button to take a photograph.
7. The photograph will be taken after the timer reaches the delay time that you pre-set, and the camera will beep once.

5.8 Playback photographs

1. Press Mode button to set playback mode, and ◄or ► to select the video clip or photo.
2. Press▲or ▼ to zoom the image.
3. Press and hold Mode button to select SLIDE SHOW. Press REC to confirm and▲or ▼ to select time. The pictures saved in your camera or your SD card will be displayed in sequence automatically.

5.9 Playback video clips

1. When video clips are displayed, press REC to play, and press DOWN key to stop.
2. Press REC to pause the playback
3. Press Mode to exit.

5.10 Delete photographs and video clips

Follow the instructions given below to delete photograph or video.

1. Press MODE to select Playback mode.
2. Press and hold MODE button and select Single/All/Select , press REC to confirm.
3. If you select Protect picture, your current file or images can not be deleted.
4. Press MENU to exit.

Note: you can also press Delete button to delete photograph or video clips in playback mode.

6. Connecting to a PC

By connecting the camera to a PC, your system are expanded to fill a wide range of uses. Using the ' ARCSOFT MEDIAIMPRESSION" performs images saving, browsing, file management, printing photos, email photos and upload videos to YOUTUBE.

Also the unit can be connected to the computer as Mass Storage Device,

Autorun function (Option)

When you connect the Digital Camera to the PC,a simple Arcsoft Media Impression software which inside the memory will run automatically.
As different from user setting on the computer, the software may not be launched automatically.
Please double click the icon inside COMPUTER.

Note: Autorun function is only compatible with Windows XP / Vista.
Note: Under the environment with electrostatic discharge, the sample may malfunction and memory lost. It requires user re-install the battery to reset the sample.

7. Specifications

Sensor		5.0 Mega pixel CMOS sensor
Image resolution	DV	VGA (640x480)
		QVGA (320x240)
	DC	12.0 Mega pixels: (4032x3024) (Hardware Interpolation)
		8.0 Mega pixels: (3264x2448) (Hardware Interpolation)
		5.0 Mega pixels: (2560x1920)
		3.1 Mega pixels: (2048x1536)
		2.0 Mega pixels (1600x1200)
		1.3 Mega pixels: (1280x960)
		VGA: (640x480)
Lens		F/2.8 f=8.5mm
Focus range		0.5m. ~ Infinity
Macro mode		11cm – 18cm
Digital zoom		8x
LCD display		2.0" real color LTPS TFT
White balance		Auto/Daylight/cloudy/Tungsten/Fluorescent
DV mode		Up to 30fps@VGA (Use SD card)
Built-in memory		64 MB Flash memory
Picture Capacity in 64M memory (The quantity of pictures varies and depends on the complexity of the scene)	DV	VGA 75 S
		QVGA 150 S
	DC	VGA: (640x480) –325 Pictures
		1.3M: (1280x960) – 155 Pictures
		2.0 M (1600x1200) – 112 Pictures
		3.1M: (2048x1536) -- 78 Pictures
		5.0M: (2560x1920) -- 65 Pictures
		8.0M: (3264x2448) -- 47 Pictures
		12M: (4032x3024) --30 Pictures
External memory card		SD card supports up to 8GB
File format		Picture: JPEG, Video: AVI,
Self timer		2/10/10+2 seconds
PC interface		USB 1.1
TV-out		NTSC/PAL
Power source		2xAA alkaline batteries.

7.1 System requirement

Operating System	Windows XP/Vista or above
	Mac 9.x or X.x
CPU	Pentium II or above
RAM	At least 64MB
Interface	USB port
CD	4x speed CD ROM or above

8. Trouble shooting

Problem	Cause	Solution
Cannot turn on the camera by pressing the "power" button.	Low battery power. Battery placed at wrong polarities.	Replace or install the battery correctly.
Photos can not be saved when taking pictures.	The memory card or built-in memory hasn't been formatted properly.	Format the memory in SETUP mode of the camera. Please refer to section 5.3.
Cannot find removable disk after connecting the camera to the computer.	Connection failure.	Make sure all cable connections are secured and restart the computer if necessary.
The batteries used up very fast.	Use wrong type of battery.	Replace with new ALKALINE battery.
The video photos are blurry	1. The DV (camera) is not held steadily 2. The lens of DV (camera) is dirty. 3. The DV (camera) is Set to wrong macro mode.	1. Hold the DV (camera) steadily until it beeps when taking video photo. 2. Clean the lens with soft dry cloth. 3. Set the macro mode according to the distances of subject.

For EU only

AM-DV541K-AGB-CLV-R