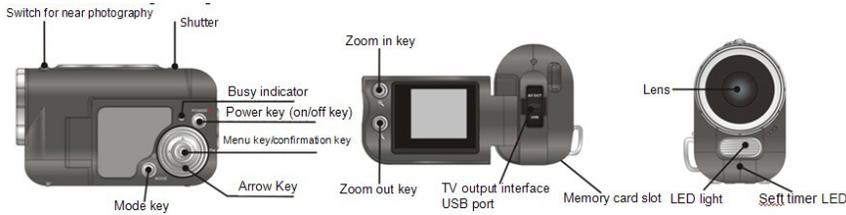


# CURTIS Operation Manual of VR285 Digital Video Camera

## Appearance and Key Definition:



## Battery Installation:

1. Open battery cover.
2. Install three AAA (7#) batteries according to positive and negative pole instruction.
3. Install battery cover.



**i** It is recommended to use high-quality alkaline battery.

## Step 1

### Install Memory Card:

1. According to instruction beside memory card slot, fully insert SD card or MMC card into the slot.
2. Slightly press the tail of memory card inwards, then the memory card will be popped up.
3. After memory card is inserted into the camera, LCD of camera will display memory card icon.



**i** General Memory Card Icon

**i** Locked Memory Card Icon

- 1 There is no built-in storage in the camera, so please insert memory card before shooting;
- 2 The camera can support 8GB SDHC card to the great utmost.

## Step 2

### Power On/Off:

1. Power on: Press power key and hold on for about 2 seconds under power-off mode until LED screen is lighted, then the camera will be started up.
2. Power off: Press power key under power-on mode (idle mode) to shut down the camera.
3. Auto Off: The camera will be shut down automatically after being under idle mode for a certain time (1/3/5 minutes can be set up) so as to save electric quantity.

## Step 3

### Mode Conversion:

Press MODE to change mode.

After power on, the camera will enter record mode and record mode icon ( ) will display on LCD; press MODE key to switch over among the following three modes:



## Step 4

### Prepare to shot:

Press the macro shooting switch on the top of the camera, then micro distance focus and general focus will be switched over. Micro distance focus: It is suitable for shooting object 15cm-25cm away from the camera lens. When application, please push macro shooting switch to the end of mark.



General focus: It is suitable for shooting object 1.4 meters away from the camera lens. When application, please push macro shooting switch to the end of mark.

Press the right key of arrow key to turn on LED fill light. Under shot mode, press the left key of arrow key to turn on the 10 seconds' auto-shot mode.

## Step 5

### Shot

Record: Under record mode, press the shutter on the top of camera to begin to record, then press the shutter again to stop recording.

Shoot: Under shot mode, press the shutter on the top of camera to take a photograph or begin to take photograph automatically (auto-shot mode).

Play: Under power-on mode, press MODE key to enter play mode, and pressing the left and right key of arrow key can select to play other pictures.

### Connect Camera to Computer

Install driver (camera mode).

There are two kinds of modes to connect camera to computer: Movable disk (MSDC) and camera mode (PC-CAM). Movable disk mode is default connection mode. It is not necessary to install driver for operating system above WINDOWS ME.

All files recorded by camera will be saved in "DCIM\100MEDIA" list of SD/SDHC card.

**i** The camera driver can be found in attached installation disk.

### Install Driver

1. Place installation disk into CD-ROM drive of computer;
2. WINDOWS window will pop up installation interface automatically. Click "Install Driver" to install camera driver.
3. Finish installation according to installation hint window.
4. Reboot computer after installation is finished.



### Camera Function

1. Install camera driver according to the above-mentioned method.
2. Install attached software "Video Impression 2".
3. Set up USB mode as "camera mode" through camera menu.
4. Connect camera to computer.
5. Start up program "Video Impression 2", and click

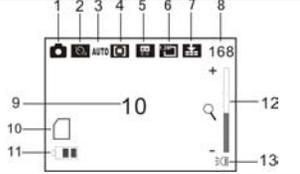
and . Then, camera function can be realized as shown in right figure.



**i** If there is no image, please check whether the camera driver is installed correctly and check whether the device name selected on window is

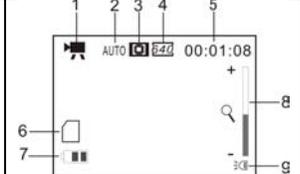
SPCA152 Video Camera

## Shot mode



1. Mode Icon (Shoot)
2. Auto-shoot (Enable)
3. White Balance
4. Metering Mode
5. Exposure Mode
6. Resolution (Picture)
7. Picture Quality
8. Number of Picture Taken
9. Auto-shoot Timer
10. Memory Card Icon
11. Battery Capacity State
12. Digital Zoom
13. LED State (Enable)

## Record Mode



1. Mode Icon (Record)
2. White Balance
3. Metering Mode
4. Resolution (Record)
5. Time (Record)
6. Memory Card Icon
7. Battery Capacity State
8. Digital Zoom Indicator
9. LED State (Enable)

## Step 6

### Menu Setup

Press Menu/Ok key to enter main menu; Under main menu, press the key to exit menu mode again.

Press arrow key (▲/▼) to select menu item; press (▶) key to enter setup menu or submenu; press (◀) key to return main menu; Press Menu/Ok key to confirm setup.

Pressing (◀) key to return under submenu will not change last alteration.

System setup mode ( ) menu can be invoked under all modes.

Each mode setup refers to as follows:

Record Mode Setup	
Resolution (Record)	640x480 / 320x240
Frame Rate (Frame/second)	High/Low
Metering Mode	Central metering/ Multi spot metering/Spot metering
White Balance	Auto, Sunlight, Cloudy, Fluorescent, Tungsten light

### Camera Mode Setup

Resolution (Picture)	1280x1024; 640x480
Image Quality	Super Good, Good, Normal
Metering Mode	Central metering/ Multi spot metering/Spot metering
White Balance	Auto, Sunlight, Cloudy, Fluorescent, Tungsten light
Exposure	Step length of +2.0--2.0 is 0.3EV
Camera Mode	Close: 2 seconds; Auto-shoot: 10 seconds; Auto-shoot: continuous shots
Special Effect	Normal, Black & White, Classic, Negative film: Green and Blue

### Play Mode Setup

Lock Picture	Lock/unlock file; Lock all, Unlock all
Delete Picture	Delete the file; Delete all
Slide Display	Start, Interval, Loop
Special Effect	Normal, Black & White, Classic, Negative film: Red, Green and Blue; Binarization, Sunset, Warm, Cool, Solarization
Rotation	Rotation, Save and Back
Zoom-in	2048x1536 ; 1280x1024; 640x480
Sound Memorandum	Add; Delete
Set up as Startup Interface	Yes/No (only valid for picture)

### System Setup

Sound	Set up shutter/power-on/off sound, key sound and volume
Power Frequency	50Hz / 60Hz
Auto-off	1minute/3minutes/5minutes
Date and Time	Set up date, time and display mode
Language	Select language type
TV	PAL/TNSC
USB	Movable Disk/Camera
Stratup-screen	Close; System; Custom
Format	Yes/No
Default	Yes/No

### Appendix:

System Request	
OS	Microsoft Windows 98 SE, Me, 2000, XP, Vista
CPU	Intel Pentium III above 667MHz or CPU with same performance
Memory	Above 128MB
Sound Card/Display Card	Support DirectX8 or higher version
CD Drive	4 times speed or quicker speed
Hard Disk	Residual space above 500MB
Other	1 standard USB1.1 or USB2.0 interface

### Technical Parameters

Image Sensor	0.3 mega pixels (CMOS)	Video (pixel)	Resolution	JPG: 1280x1024(1.3 mega) 640x480(0.3 mega)
		Video (pixel)	Resolution	AVI: VGA(0.3 mega) --- 30/15 FPS QVGA(0.1 mega) --- 30/15FPS
Lens	Fix: F3.0, f=4.5mm	White Balance	Auto/Manual	
LCD Display Screen	1.44 inch TFT	Digital Zoom	4 times	
Memory Medium	SD/SDHC(not include) (128MB~8GB)	Size	94.6mm × 57.1mm × 40.5mm	
USB Interface	USB2.0, TV Out	Weight	76g (excluding battery)	
Power	3 AAA alkaline battery (not include)			