



Digital Video Camera

Model VC120CB

FCC information

FCC Part 15
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not attempt to repair or modify this equipment.
Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING:
TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION
RISK OF ELECTRICAL SHOCK

The front panel contains the power switch. Do not touch the power switch or electrical components with the equivalent of a wet hand. Do not touch the power switch or electrical components (or any other electrical components) with the product's power cord. Do not touch the product's power cord with the product's power cord. Do not touch the product's power cord with the product's power cord. Do not touch the product's power cord with the product's power cord.

Rating plate and caution marking are marked on the bottom enclosure of the apparatus.

CAUTION: When using this equipment, there are basic safety instructions that should always be followed. For more information on these instructions, refer to the IMPORTANT SAFETY INSTRUCTIONS section of the user manual. Do not use this product and save them for future reference.

- Do not mix old and new batteries
- Do not mix alkaline, standard (Carbon-Zinc), or rechargeable (Ni-Cad, Ni-MH, etc) batteries

Important safety instructions

NOTE: Some of the precautions below may not apply to your product, e.g.: Battery and power cord precautions.
When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bath).
5. Do not place this product on an unstable surface.
6. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should be used on a hard, flat surface. Do not use this product where the ventilation is not provided.
7. Never push objects of any kind into the ventilation slots of this product as they may touch dangerous voltage points or create a short circuit that could result in a risk of fire or electric shock.
8. Use only the power cord and batteries indicated in this manual.
9. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
10. Do not use this product in a wet location, or in a location where the equipment and which is easily accessible.
11. Do not allow anything to rest on the power cord. Do not install this product where the cord may have anyone walking on it.
12. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening the product may void the warranty.
13. Do not use this product in a location where the power source specified across doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
14. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
15. Do not use this product in a location where it is likely to be tipped over or where it is likely to be struck by a falling object.
16. If the product has been exposed to rain or water.
17. Do not use the telephone to report a gas leak in the vicinity of the leak.
18. Do not dispose of batteries in a fire. They may explode.

For Products That Require Batteries

- Important Battery Precautions**
- Batteries must be properly recharged in this user manual.
 - Batteries must be replaced with the same type and capacity as the original battery. Do not try to charge a battery that is not intended to be recharged.
 - Do not dispose of the battery(ies) in a fire. They may explode.
 - Check with local codes for disposal instructions.
 - Do not use the product for a long period of time. Remove the batteries from your product if you are not going to use it for a month or more.
 - If your product uses more than one battery, do not mix types and make sure they are inserted correctly. Mixing different types and capacities of inserting them incorrectly, may cause them to leak.
 - Discard any leaky or deformed battery immediately. Leakage from battery acid can cause skin burns or other personal injury.
 - Please help to protect the environment by recycling or disposing of batteries according to federal, state, and local regulations.

SAVE THESE INSTRUCTIONS

- Installing battery**
1. Open the battery lid.
 2. Install three AAA batteries as the positive and negative marks indicate.
 3. Install the battery lid.



You are advised to use alkaline battery with good quality.

Location of controls



1. Push SD card or MMC card into card slot until the card is fully seated. Do not touch the contacts. When using the storage card slot, always use high-quality, write-erase type storage card.
2. Press inward lightly all of the storage card, and it will bounce out.
3. After the memory card is inserted into DV, its LCD will display an icon of storage card.

Installing memory card

1. Push SD card or MMC card into card slot until the card is fully seated. Do not touch the contacts. When using the storage card slot, always use high-quality, write-erase type storage card.

2. Press inward lightly all of the storage card, and it will bounce out.

3. After the memory card is inserted into DV, its LCD will display an icon of storage card.

On/Off

1. Once when the DV is off, long pressing power key for about ten seconds, then LCD screen will be lighted and the DV will be turned on at the same time.

2. Once when the DV is on, long pressing power key for about ten seconds, then LCD screen will be lighted and the DV will be turned off at the same time.

3. After the DV is on, long pressing power key for about ten seconds, then LCD screen will be lighted and the DV will be turned off at the same time.

Mode conversion

Pressing MODE, you can switch mode.

An icon of video-recording mode () will be displayed in the LCD. Pressing key MODE, it can switch among the following three modes:

- Video-recording mode ()
- Still photographing mode ()
- Playback mode ()

Shooting preparation

Putting on the cap, which is on the top of the DV, then you can start shooting. Pressing key (), you can start shooting mode. Pressing key (), you can start still photographing mode. Pressing key (), you can start playback mode.

General Shooting is a mode to shoot an object that is 4.0m or far from camera. When it is used, the DV will automatically set the focus, exposure, and white balance.

In photographing mode, pressing key () of direction key () of function key, you can rapidly open to manual automatic shooting preparation mode.

Shooting

Mode conversion key (), which is the key of the DV, is the video-recording mode. Pressing key (), you can start shooting mode. Pressing key (), you can start still photographing mode. Pressing key (), you can start playback mode.

Pressing key (), you can start shooting mode. Pressing key (), you can start still photographing mode. Pressing key (), you can start playback mode.

Connecting DV to computer

Installing Driver Program (Camera Model) is necessary to connect MSPE or PC-CAM. MSPE or PC-CAM is installed automatically. If you do not need for system of camera beyond MSPE or PC-CAM, you can skip this step.

After the installation of the driver program, you can connect the DV to the computer.

Installing driver program

1. Put installed CD into computer's CD drive.
2. Run the driver program. The driver program will be installed automatically.
3. After the installation of the driver program, you can connect the DV to the computer.

PC-CAM function

1. Install driver program for DV in a fully installed and checked off the name of device attached in window ().
2. Run the driver program. The driver program will be installed automatically.
3. After the installation of the driver program, you can connect the DV to the computer.

Photographing mode



1. Icon of Mode (Photographing)
2. Icon of Mode (Photographing)
3. WB
4. Exposure Metering Mode
5. Focus (Photo)
6. Photo (Photo)
7. Image Quality
8. Histogram
9. Home/Reset for Automatic Photographing
10. Icon of Storage Card
11. Battery Electricity Status
12. Digital Zoom Indication
13. LED Lamp Status (Open)

Video-recording mode

1. Icon of Mode (Video-recording)
2. Exposure Metering Mode
3. Focus (Video)
4. Exposure Metering Mode
5. Focus (Video)
6. Photo (Video)
7. Image Quality
8. Histogram
9. Home/Reset for Automatic Photographing
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Menu settings

Press menu confirmation key (OK) to enter main menu; press this key again to the main menu.

Pressing key () under sub-menu returns will not change the previous selection.

Menu/system setting mode () can be used in all modes.

Every mode setting can have reference as follows:

Mode	Menu	Setting
Video-recording Mode Setting	Mode	Video
	White Balance	Auto
	Exposure Metering Mode	Matrix
	Focus	Auto
	Image Quality	Normal
	Histogram	Off
	Home/Reset for Automatic Photographing	Off
	Storage Card	Off
	Battery Electricity Status	Normal
	Digital Zoom	Off
Still Photographing Mode Setting	Mode	Photo
	White Balance	Auto
	Exposure Metering Mode	Matrix
	Focus	Auto
	Image Quality	Normal
	Histogram	Off
	Home/Reset for Automatic Photographing	Off
	Storage Card	Off
	Battery Electricity Status	Normal
	Digital Zoom	Off
System Setting	Mode	Video
	White Balance	Auto
	Exposure Metering Mode	Matrix
	Focus	Auto
	Image Quality	Normal
	Histogram	Off
	Home/Reset for Automatic Photographing	Off
	Storage Card	Off
	Battery Electricity Status	Normal
	Digital Zoom	Off

The shipping address of the authorized service center is:

Southern Telecom Inc.
ATTN: Returns Department
14-C 53rd Street
Brooklyn, NY 11232

Should you have any questions or problems concerning this product, please contact our customer service department at:

1-877-788-8483 (Toll Free)
Monday - Thursday: 9AM - 5PM (EST)
Friday: 9AM - 3PM (EST)

or

via e-mail at
cs@southerntelecom.com

Warranty service not provided
This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, and unauthorized modification. This warranty is voided in the event of any unauthorized modification. All products being returned to the authorized service center for repair must be suitably packaged.

Limitation of Warranty:
• THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY PROVIDED BY SOUTHERN TELECOM INC. FOR THIS PRODUCT. EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY SOUTHERN TELECOM INC. OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.

• REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY BY SOUTHERN TELECOM INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY AND THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDY SHALL APPLY TO ALL PRODUCTS OF SOUTHERN TELECOM INC. IN THE STATE OF NEW YORK, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you. Also, you may have other rights that vary from state to state.



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What your digital video camera include

- Digital Video Camera
- USB Cable
- AV Line
- User's Manual
- Software CD

Note: The USB extended cable with ferrite bead and the AV line extended cable with ferrite ring is designed for exclusive use with this product. Don't use others for this product.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warranty information

90 Days Limited Warranty
In the unlikely event that this product is defective, or does not perform properly, you may within ninety (90) days from your original date of purchase return it to the authorized service center for repair or exchange.

- **Provide proof of the date of purchase within the package** (boxed bill of sale).
- **Original equipment must be returned to the authorized service center, and remember to insure your return.**
- **Include a return shipping address (no P.O. Boxes), a telephone contact number, and the defective unit within the package.**
- **Describe the defect or reason you are returning the product.**

Your product will be repaired or replaced, at our option, for the same period of time as the original product. Products received damaged as a result of shipping will require you to file a claim with the carrier.