

# Canon STILL VIDEO SYSTEM

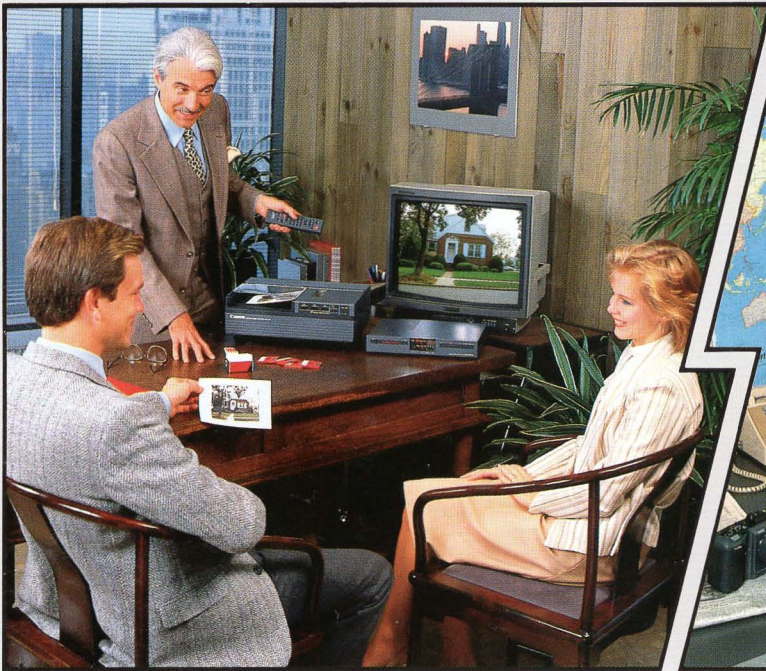
Imagine how it will change your business!





# The Canon Still Video System

**A complete system for creating, recording, accessing and transmitting high quality images.**



• Real Estate, Travel, Advertising



• Publishing, Broadcasting, Law Enforcement



• Industrial Research, Training, Testing



• Medicine, Education, Records Management



# Canon STILL VIDEO SYSTEM

## CANON STILL VIDEO TRANSCEIVER RT-971

Dial and push START to send your pictures around the world. What could be simpler? The SV Transceiver is a multi-function sending and receiving unit. The multi-freeze mode, for example, lets you display up to 4 images on the monitor. Black and white images are recorded on the receiving floppy disk automatically in 1.5 minutes, and in 3 minutes for color.

## CANON COLOR VIDEO PRINTER RP-601

The size of a home VCR, the RP-601 pictorial full-color printer surpasses other machines of its kind. It receives video signals from the SV Camera and other sources. Two printing sizes offer new versatility. Specially coated paper, light and dark inks and precision ink-jet heads contribute to high-quality, high resolution images. With 64 half tones, every hue and nuance of a subject is faithfully reproduced.

## CANON VIDEO VISUALIZER RE-550

The color camera for the RE-550 Video Visualizer has a handy zoom that will handle A4 (8-1/4" x 11-11/16") to A7 (2-15/16" x 4-1/8") size objects or documents. The camera has the capability to slide 80mm up and down and 50mm forward and back for highly flexible and versatile operation. A unique lighting system protects the unit from excessive brightness and special inputs and outputs allow the unit to be used in conjunction with other video sources. The built-in mike and optional traveling case make this portable unit the ideal companion for business presentations.



## CANON STILL VIDEO CAMERA RC-701

Snap on the lens of your choice and capture your business products or research items from any angle. This new camera has an amazing 380 thousand picture elements—high resolution has a new meaning.

### CANON ZOOM LENS

SV 11—66mm f/1.2 (With Macro Mechanism)

### CANON ZOOM LENS

SV 50—150mm f/2.8 (With Macro Mechanism)

### CANON LENS SV 6mm f/1.8

### CANON FD LENS ADAPTER LA-RC

## CANON VIDEO FLOPPY DISK VF-50

- 50 images in field mode, 25 images in frame mode
- Multiple recording of image signal and ID data
- Specially designated format can record three types of data: image signal—audio signal—ID data
- Ultra compact: 54 (W) x 60 (H) x 3.6 (D) mm (2-1/8" x 2-3/8" x 1/8"); 8.7g (0.3oz)

**NOTE:** This video floppy disk conforms to the worldwide standard for electronic still cameras.



## CANON STILL VIDEO RECORDER RR-551

For effective presentations, SV technology gives the user maximum control. Interval record and playback let you control the timing of the images. They can then be reordered or deleted. Random Access lets you go right to the track you want. The wireless controller allows you freedom in where you engineer your presentation from.

## CANON C-10: COMPACT COLOR VIDEO CAMERA MODULE

This CCD Color Video Camera Module uses 380,000 picture elements for a highly detailed, first-rate color video picture. Compared with conventional tube-type video image cameras, the life expectancy is 8 times greater. This compact wonder takes up little space, and is relatively maintenance free.





## The Time Is Now

The Canon SV system lets you prepare for a media presentation without going near a photography lab. The RC-701 SV Camera changes the visual image into an electronic signal and records it on a standard 2" floppy disk. The RR-551 SV Recorder has an interval playback function, by which you can preset the time interval between image display, plus a random access and program function by which you can edit and program the images already stored. You can immediately view the images on a standard TV, a monitor or on a large screen with a television projection system. Hard copies of video images can be printed out with the Canon RP-601 Color Video Printer.

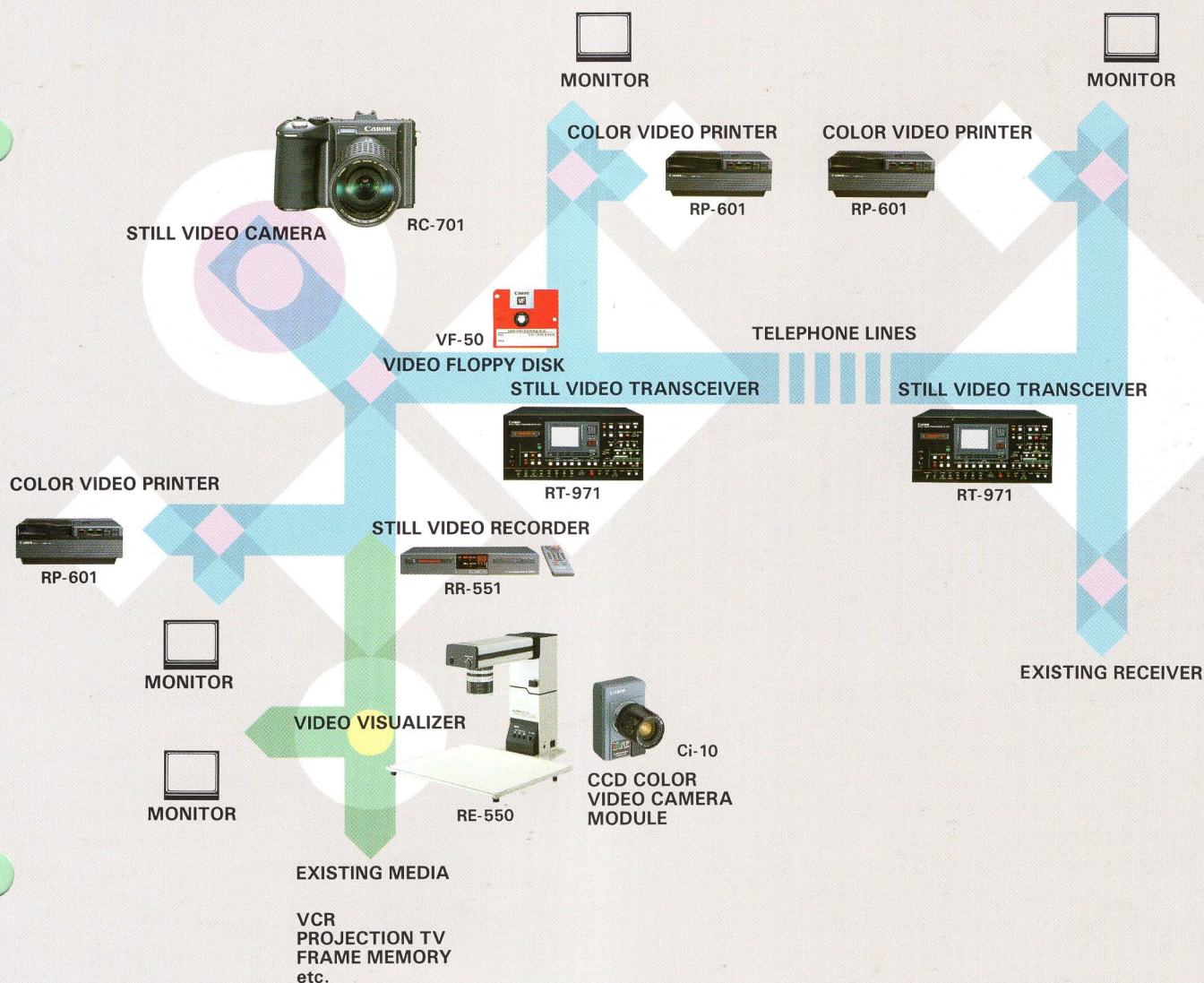
Medical researchers, manufacturers, mass media specialists, educators, and other professionals will find this system far superior to conventional slides or photographs. The Canon SV System makes high-quality images available in-house, on the spot.

## A New Worldwide Network

Leaving problems of time and distance behind, the Canon RT-971 SV Transceiver makes it easy to send your photographs around the world. A photo journalist's dream, the RT-971 uses existing telephone lines, so, for example, pictures of a major world event can be on the telephone lines to your headquarters instantly, from anywhere in the world.

## Memory: Permanent Storage from Virtually Any Video Source

The RR-551 SV Recorder receives video input from the RC-701 SV Camera or another video source, which you can record or delete at will, with easy and flexible operation. Since the compact floppy disk is only 2 inches long, it can be stored easily, even in limited space.





# The Canon Still Video System Specifications

## CANON STILL VIDEO CAMERA RC-701

**Type:** SLR type still video camera  
**Pickup element:** Color CCD image sensor  
**Lens mount:** Bayonet mount (FD lens can be mounted by attaching the FD lens adapter.)  
**Viewfinder:** Eye-level type with roof prism  
**Focusing screen:** Bright laser matte with split prism  
**Viewfinder information:** Various function display with 7-segment and dot-pattern LED  
**Mirror:** Revolving quick return, full reflection mirror  
**Light metering system:** TTL full aperture, using an SPC; Center-weighted average metering

**Metering range:** EV1.5 ~ 18 (with SV11 ~ 66mm f/1.2 lens, equivalent in ISO 200 conversion)  
**Exposure control system:** Shutter-priority AE, 3-mode program AE  
**Shutter:** 2 rotary blades, focal-plane shutter  
**Shutter speed:** 1/2000 ~ 1/8 sec.  
**Flash X-sync speed:** 1/80 sec.  
**Recording system:** Luminance signal: FM, Color signal: Color difference line sequential FM  
**Floppy disk initial setting:** Auto track setting  
**White balance:** Auto tracking/manual

**Shooting speed:** Single, 2, 5 and 10 images/sec. high-speed continuous shooting  
**ID data:** Multiple recording by DPSK modulation  
**Liquid crystal display panel:** Shows shooting mode, track No., ID, etc.  
**Eye-piece shutter:** Included  
**Power source:** Exclusive battery pack (Ni-Cd cells) and backup lithium battery  
**Weight:** 995g (2.2 lbs) (without the battery pack)  
**Dimensions (W x H x D):** 162 x 101 x 51.5 mm (6-3/8" x 4" x 2")

## CANON STILL VIDEO TRANSCIVER RT-971

**Type:** Still video transmission/reception unit with record/playback function  
**Input:** Video (standard NTSC signal): (75  $\Omega$  1 Vp-p, unbalanced, BNC)  
Analog RGB: (75  $\Omega$ , 0.7 Vp-p unbalanced, BNC), Video floppy disk (2 inches)  
**Relevant transceiver:** Still Video Transceiver RT-971 and conventional photo transceivers  
**Transmission:** Screen sequential independent synchronizing method

**Transmission time:** Fast mode; color: 3 min. monochrome: 1.5 min (field image)  
Standard mode; color: 6 min. (frame image)  
**Transmitting pixels:**  
Fast mode; 930(H) x 256(V) (field image)  
Standard mode; 930(H) x 512(V) (frame image)  
**Gradation:** 8 bits/pixel  
**Color compensation:** Computing method by software  
**Modulation system:** Analog FM (white: 1.5 kHz, Black: 2.3 kHz)/AM (carrier 1.8 kHz)

Digital 64 KBPS (when external modem is used)  
**Transmission signal input/output level:** 600  $\Omega$  balanced, 0 dBm ~ -40 dBm  
**Power source:** 120V  $\pm$  10% 60Hz  
**Power consumption:** 150W  
**Weight:** 25kg (55 lbs)  
**Dimensions (W x H x D):** 425 x 199 x 430 mm (16-3/4" x 7-13/16" x 16-15/16")

## CANON COLOR VIDEO PRINTER RP-601

**Printing method:** Drop-on-demand ink-jet printing  
**Print paper:** B-6 size exclusive paper  
**Ink:** 8 colors, cartridge replacement system  
**Print size:**  
L size: 92 x 122 mm (3-5/8" x 4-13/16")  
S size: 69 x 92 mm (2-11/16" x 3-5/8")

**Recording density:** 6.7 dots/mm  
**Gradation:** 64 gradations  
**Print speed:** L size: Approx. 4 min., 30 sec.  
S size: Approx. 3 min.  
**Input/Output:** Video (pin jack), Analog RGB (13 pin connector)

**Power source:** 120V  $\pm$  10% 60Hz  
**Power consumption:** 38W  
**Weight:** 9.2kg (20.2 lbs)  
(without ink cartridge and paper)  
**Dimensions (W x H x D):** 400 x 151 x 313 mm (15-3/4" x 5-15/16" x 12-5/16")

## CANON STILL VIDEO RECORDER RR-551

**Type:** Still video recording/playback unit  
**Recording system:**  
Luminance signal: FM  
Color signal: Color difference line sequential FM  
**Medium:** Video floppy disk  
Recording capacity: 25 images in frame, 50 images in field mode  
**Input:** Video (pin jack), RGB (13 pin connector)

**Output:** Video (pin jack), RGB (13 pin connector), RF  
**Playback function:** Single screen sequential feed and search (2, 5, 10 images/sec.), random access, interval playback (timer feed in 1 ~ 99 sec.), program playback (up to 50 images can be set.)  
**Recording function:** Single screen and consecutive (2, 5, 10 images/sec.), interval recording (timer recording in 1 ~ 99 sec.)

**ID recording:** Month, day, year and up to 11 numerals  
**Erasure function:** Single screen and consecutive  
**Power source:** 120V  $\pm$  10% 60Hz  
**Power consumption:** 25W  
**Weight:** 4.4kg (9.7 lbs)  
**Dimensions (W x H x D):** 335 x 50 x 255 mm (13-3/16" x 2" x 10")

## CANON VIDEO VISUALIZER RE-550

**Type:** Compact color video camera built-in image input unit  
**Video output signal:** Video 2 channels  
**Lens:** 8.3 ~ 16mm f/1.7 ~ 2.2 zoom lens with macro  
**Display document range:** 8-1/4" x 11-11/16" (max.) ~ 2-15/16" x 4-1/8" (min.)

**External input:** Selecting one of 2 video channels and 2 audio channels  
**Mic:** Built-in input terminal for external microphones ( $\phi$ 3.5mm mini-jack) with mixing volume  
**Lighting:** 6W fluorescent lamp x 2

**Power source:** AC adapter  
**Shade:** Attachment type  
**Weight:** 6kg (13.2 lbs)  
**Dimensions (W x H x D):** 340 x 392 x 435 mm (13-3/8" x 15-7/16" x 17-1/8") (main unit)

## CANON Ci-10 CCD COLOR VIDEO CAMERA MODULE

**Pickup element:** Color CCD image sensor  
**Number of Pixels:** 780(H) x 490(V)  
**Filter:** An RGB pure color stripe filter with full space sampling  
**Image size:** Equivalent to that of a 2/3-inch image pickup tube (8.8mm width x 6.6mm height)  
**TV system:** NTSC (15.75 kHz/60Hz)/VS 1.0 Vp-p\* 75 ohms)  
**Synchronization:** Internal

**Resolution:**  
Horizontal: 300 TV lines  
Vertical: 320 TV lines  
**S/N ratio:** 43 dB or better  
**Sensitivity:**  
Standard: 200 lux at F2.8  
Minimum: 20 lux at F1.4 (with high gain)

**White balance:** Continuously variable (with illumination mark)  
**Lens mount:** C mount  
**Power supply:** 9V, DC,  $\pm$  20 (0.45 A max.)  
**Operating temperature:** -10 to 45°C (14 to 113°F)  
**Weight:** Approx. 290g (10.2 oz)  
**Dimensions (W x H x D):** 63 x 102 x 37 mm (2-1/2" x 4" x 1-7/16")

• Monitor images simulated

Subject to change without notice.

# Canon

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