JVC®
PROFESSIONAL

HIGH-DENSITY VIDEO CASSETTE RECORDER

SR-L911US

- 8-hour/24-hour/40-hour continuous video/audio recording/playback capability
- Shuttle ring operation
- One-touch time search/alarm search function
- Alarm mode automatic selection during timer recording
- Key lock function
- Aluminum diecast mechanism for long-lasting reliability
- Optional RS-232C interface
- Series recording
- FDP counter display/ hour meter (on screen)
- Alarm/sensor recording
- Timer recording
- Automatic recording check mode
- Field recording/playback

Continuous realtime high-density recording for up to 40 hours with convenient shuttle ring for easy operation

Reliable, high-quality video surveillance is critical to securing your business — whether you run a high-risk retail outlet, gas station, bank, or nightclub. With the new SR-L911US from JVC, you'll get the peace of mind you need. Offering 40-hour high-density continuous video and audio recording on a single tape, this affordable timelapse recorder captures a smooth stream of high-quality realtime images ideal for subsequent analysis and detection. Built tough with a diecast aluminum chassis to withstand the rigors of continuous long-term use, the SR-L911US is equipped with powerful search functions including a convenient shuttle ring, as well as a tape counter and hour meter display. Naturally, this deck also comes with a versatile set of powerful security-related functions including computer control-ready optional RS-232C interface, alarm/sensor recording, series recording, automatic recording check function, tape end buzzer, and key lock operation.

Recording Flexibility

Up to 40 hours of High-Density Realtime recording on a single 160-minute cassette

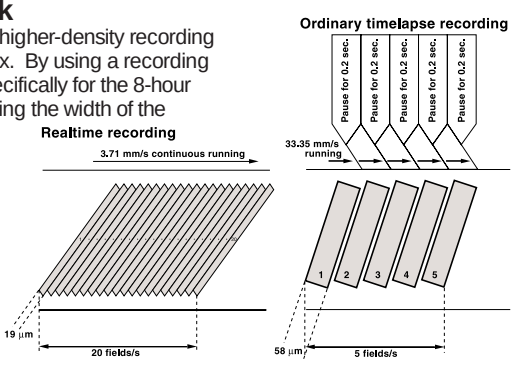
Recording times are selectable from 8 hours (EP mode) or 24/40 hours (High-Density mode). The SR-L911US uses a sophisticated high-density field recording system that makes it possible to record up to 40 hours of High-Density Realtime surveillance images on a single 160-minute tape. Recording up to 4 times as many fields as a conventional timelapse recording system, the SR-L911US captures one field every 0.048 seconds in the 24-hour mode and every 0.083 seconds in the 40-hour mode. The result, in either mode, is a continuous, fully documented record of what went on in the surveillance area at any given time with smoother, more detailed images and clearer, more intelligible sound. Since recording never stops, there's never any loss of coverage ---- even rapid movements and speech can be picked up. If you need higher-quality short duration recordings, you can use the 8-hour mode, recycling the tapes as necessary.

Mode	Available recording time (hours)		Recording/ playback interval (sec.)	Audio recording	Tape running
	T-120	T-160			
8-hour Realtime	6	8	0.016	Possible	(Continuous) 11.12 mm/sec.
24-hour High-Density	18	24	0.048	Possible	(Continuous) 3.71 mm/sec.
40-hour High-Density	30	40	0.083	Possible	(Continuous) 2.22 mm/sec.

*2H mode is only for playback.

High-Density Realtime video/audio recording and playback

This system allows higher-density recording with a field rate of 4x. By using a recording head designed specifically for the 8-hour mode and decreasing the width of the recording track to 19 µm (the normal width is 58 µm), recording is possible at a tape speed of 3.71 mm/s (with T-160) in the 24-hour High-Density mode.



Audio monitoring

Audio signals can be recorded in the 8-hour/24-hour/40-hour High-Density mode. This strengthens surveillance capabilities by providing both audio and video information.

Time/date generator

Superimposes the month, date, year, hour, minute and second on the image during recording. Also allows you to use the menu screen to display the number of alarms, alarm time, and the number of power failures.

Timer recording function

Two types of timer recording are available: date-based daily (up to 8 programs) or day-of-the-week-based. Date-based program cancellation for up to 16 days is also possible. This makes it easy to integrate your surveillance schedule with your business schedule. An easy-to-use on-screen menu makes programming simple.

Versatility

Alarm recording function
When an alarm signal is input in the High-Density Record mode, the 8-hour Realtime is automatically engaged. Alarm recording time can be selected from 5, 15, 30, 60, 120, or 180 sec., to tape end or set manually. An index code is automatically recorded when alarm recording starts. Used as an alarm cue signal, this allows quick access to alarm recording points with the Index Search function.

Sensor recording
Whenever an alarm signal is input in the Stop mode, the Record mode is automatically engaged, ensuring that you will always have a recording of any incident that occurs.

Shuttle ring operation
Gives you accurate, responsive control over still, field-by-field advance and reverse step slow playback. In the FWD mode, field-by-field playback from x1/30 to x1/5 is available, while in the REV mode, x1/7 to x1/5 reverse step slow playback is possible. The ring also provides high-speed shuttle search at x13.

One-touch time search/alarm search function
Recorded index codes (VISS) can be cued up with the index search function, while recorded alarm signals can be located quickly with automatic playback from the marked point, giving you fast access to recorded segments that require closer viewing.

Alarm mode automatic selection during timer recording
Preset alarm operation is automatically activated during timer recording when an alarm signal is received, ensuring that important material is always recorded for later analysis.

Alarm/power loss memory
To help you pinpoint and track critical problem periods, up to 9 alarm inputs or power losses (failures) can be stored in memory. Added security is provided by a highly reliable standby power backup security system for automatic re-start of recording as soon as power is restored after a power failure.

Still, field advance and reverse play
For a closer review of recordings, the SR-L911US offers still playback and field advance together with reverse play.

External activation of recording
Recording start/stop can be controlled by transmitting a VCR activation signal from an external source.

Reliability

Recording Check function
Pressing the REC CHECK button during recording allows you to check the status of the recording in progress. When activated via the corresponding function menu switch, the built-in head cleaner automatically cleans the heads whenever inferior picture quality is detected during Recording Check. After cleaning, the Recording Check operation is executed again automatically (Auto Recording Check function).

Key lock function
To prevent accidental or deliberate interference with VCR operation, a key operation can be locked with the front keys.

Warning function
Error indications are shown on the front panel display. Error warnings include problems with cassette loading, cassette unloading, or the transport system operation mode.

System Flexibility

Series recording
Built-in series input/output connectors allow you to extend your recording capabilities indefinitely (8-hour, 24-hour and 40-hour modes). Connect several VCRs in series and automatically switch recording from one unit to the next without interrupting the recording.

Camera switching function
The SR-L911US is equipped with a camera select signal output to synchronize camera switching with High-Density recording intervals. Since switching is performed during pauses in recording, continuous coverage is assured during High-Density recording, even when using multiple cameras.

Power-off video pass through function
When the power is off, the input video is automatically output from the VCR.

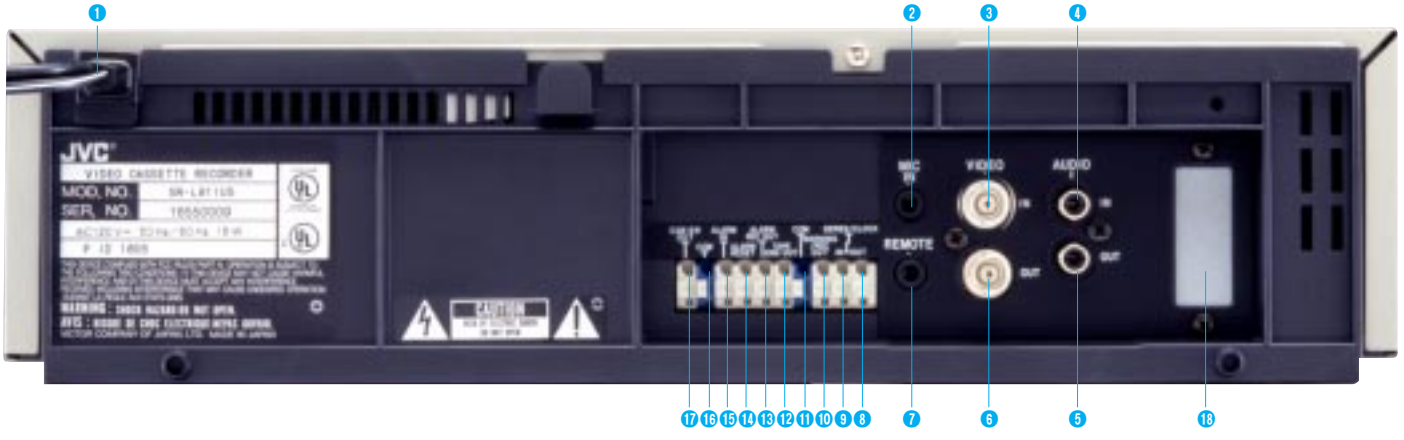
Optional RS-232C interface
The SR-L911US can easily be integrated in a centralized, computer-controlled security system with the optional RS-232C interface (SA-K97U) for direct computer connection.

Other Features

- On-screen menu setting functions
- Automatic head cleaning
- Quick-response full-loading mechanism
- Picture control (normal/sharp)
- Digital hour meter display
- Repeat recording
- Alarm recording, tape end and warning electronic buzzer
- Summer time compensation function
- Wired remote control (optional)
- Tape end signal output function

Rear panel

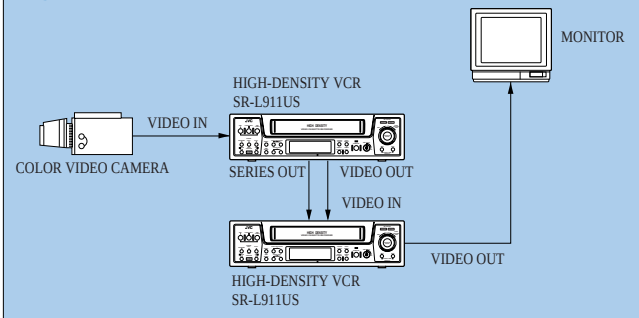
1. Power cable
2. [MIC IN] connector
3. [VIDEO IN] connector (BNC)
4. [AUDIO IN] connector (RCA)
5. [AUDIO OUT] connector (RCA)
6. [VIDEO OUT] connector (BNC)
7. [REMOTE] connector
8. [SERIES/CLOCK OUT] terminal
9. [SERIES/CLOCK IN] terminal
10. [WARNING/REC OUT] warning/recording signal output terminal
11. [COM] common ground terminal
12. [TAPE END OUT] tape end signal output terminal
13. [ALARM REC OUT] alarm recording mode signal output terminal
14. [ALARM RESET] alarm signal reset input terminal
15. [ALARM IN] alarm signal input terminal
16. [COM] common ground terminal
17. [CAM SW OUT] camera switching signal output terminal
18. [RS-232C] interface (option)



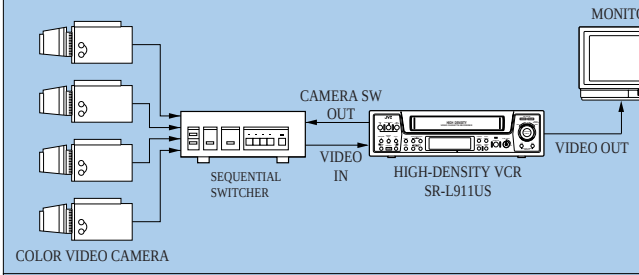
Design Your Own System Configuration

System 1 *Basic System*

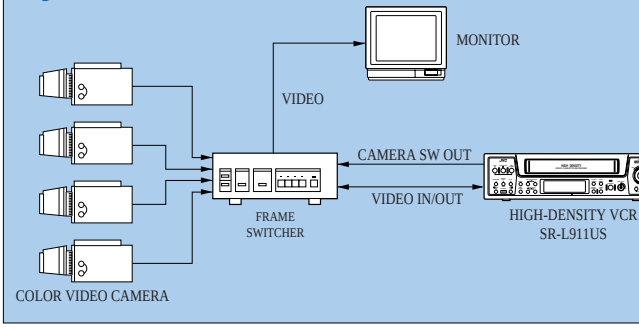
System 2 *Long Duration Surveillance*



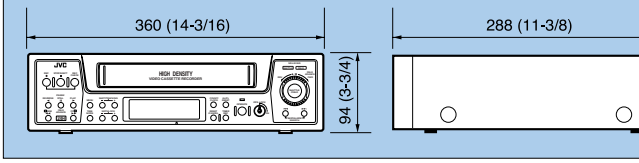
System 3 *Multi-Camera Sequential Recording System*



System 4 *Multi-Camera Multi-Screen Recording System*



DIMENSIONS (mm/inch)



SPECIFICATIONS

GENERAL
Power requirement: AC 120 V, 50/60 Hz
Power consumption: Approx. 16 W (4 W in Standby mode)
Dimensions (mm): 360 (W) x 94 (H) x 288 (D) (14-3/16" x 3-3/4" x 11-3/8")
Weight: 5 kg (11.0 lbs.)
Temperature:
Operating: +5˚C to +40˚C (41˚F to 104˚F)
Storage: -20˚C to +60˚C (-4˚F to 140˚F)
Tape speed: 11.12 mm/sec. (8H), 3.71 mm/sec. (24H), 2.22 mm/sec. (40H)
Recording and playback time: 8-hour Realtime
24, 40-hour mode
(High-Density mode: field recording/playback)
(with T-160 cassette)

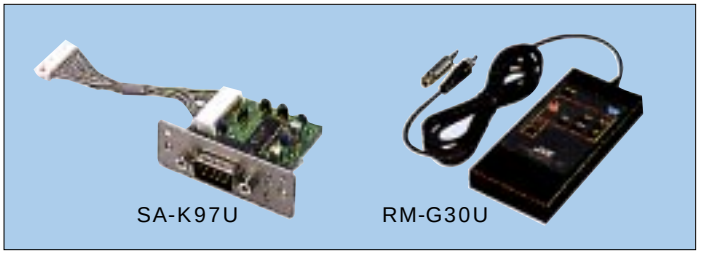
VIDEO
Signal system: NTSC-type color signal, 525 lines/60 fields
Recording system: Luminance: FM recording
Chrominance: Down converted direct recording
Signal input: 0.5 to 2.0 Vp-p, 75 ohms, unbalanced (BNC)
Signal output: 1.0 Vp-p, 75 ohms, unbalanced (BNC)
Horizontal resolution: Color mode: 230 lines or more (8-hour Realtime)
S/N ratio: 43 dB or more (8-hour Realtime)

AUDIO
Number of tracks: 1 (normal)
Line input: -8 dBs, 50 kohms, unbalanced (RCA)
Mic input: -67 dBs, 600 ohms, unbalanced
Line output: -8 dBs, 1 kohm, unbalanced (RCA)
Frequency response: 100 Hz to 5 kHz (8-hour Realtime)
S/N ratio: 40 dB or more (8-hour Realtime)

TIME/DATE GENERATOR
Display: Month, day, year, hours, minutes, seconds, recording mode
Display position: 4 positions
Character size: 16H
Power backup: Approx. five years

INPUT/OUTPUT TERMINALS
Alarm input: Input-ground contact
Camera SW output: Negative pulse output (approx. 5 ms)

OPTIONAL ACCESSORIES
SA-K97U: RS-232C interface
RM-G30U: Remote control unit



Design and specifications subject to change without notice.

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