

CCIR/PAL

SONY
SURVEILLANCE
SYSTEMS

SVT-1000P

Time Lapse Videocassette Recorder



CE

SONY[®]

High-Quality Video and Weekend Recording

With the Sony SVT-1000P, you can have the peace of mind that comes from knowing your business is protected by 24-hour video surveillance, even over weekends and three-day holidays. Designed especially for small businesses such as convenience stores and pharmacies, the SVT-1000P is easy to operate and provides over 72 hours of recording on a single tape.

A convenient menu-driven interface makes scheduling simple. With its affordable price and advanced alarm functions, the SVT-1000P is the ideal choice for a reliable, cost-effective security system.

SVT-1000P



Outstanding Features

Weekend Recording

The SVT-1000P offers 5 recording speeds. Thanks to its intermittent recording system, the SVT-1000P achieves a total recording time of 75 hours (3 days and three hours*) on a normal 180-minute tape (Sony E-180), by recording one field every 0.5 seconds. This model is recommended for applications requiring unattended recording during weekends and similar shot periods.

* In time lapse modes, there are three more hours of recording time than in standard modes.

Maximum recording time with 180-minute tape (hours)	Interval (seconds)	Audio recording	Tape motion	
Standard mode	3	1/50	Continuous	
Time lapse mode	12	Yes		Intermittent
	24			
	48	0.34		
	72	0.5		

Optimum Picture Performance - APC (Adaptive Picture Control)

The APC system of the Sony SVT-1000P delivers optimum picture quality to the recording image. This enables the unit to capture images that are as clear and crisp as they can be. On initialization, the unit automatically tests the loaded tape and the video heads, and then adjusts the VCR recording current for the best match between tape and video heads.

Computer Control Interface

When the optional Sony SVT-RS1A RS-232C Interface Board is installed, the SVT-1000P can communicate with personal computers and other external equipment. With the appropriate software, the SVT-1000P can be operated from your personal computer, for precise control of recording and playback.

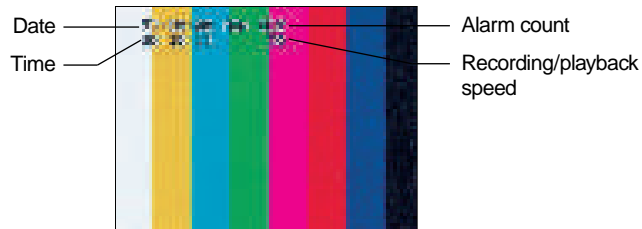
User-Friendly Operation

Auto Repeat Recording

In auto repeat mode, when the SVT-1000P reaches the end of a tape, it automatically rewinds and begins recording again.

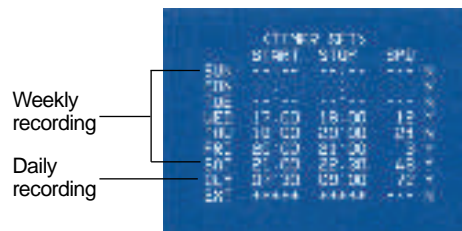
Built-in Time and Date Generator

The SVT-1000P features a built-in time and date generator that can superimpose time and date information onto incoming video signals.



Convenient Scheduling

A conventional menu-driven interface makes it easy to schedule recording times. This allows scheduled recording at the same time every day or at different times on different days of the week. Additionally, up to 20 days can be distinguished as holidays to allow the user to preset schedules for those days. For added convenience and operational simplicity, a daylight savings time mode can advance all times by 1 hour.



Alarm Functions

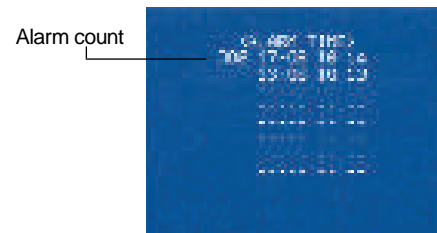
Powerful recording, recall and scan functions facilitate use of an alarm system and cameras.

● Recording

When an alarm signal is received, the SVT-1000P switches automatically into alarm recording mode.

● Recall

The alarm recall function displays the last 8 alarms on the monitor.



● Scan

The alarm scan function enables a quick review of alarm segments on the tape.

Field-by-field Playback

For precise picture searches, still mode allows playback of one field at a time in forward and reverse directions.

Quick Recording Check

While recording in time lapse mode, you can press the REC CHECK button to rewind the tape, play it back for about two seconds, and then return to the original recording mode.

Camera Switcher Interface

Pulse signals can be output from the rear panel to a camera switcher. You can specify the switching interval between each camera and set the timing to field or frame, depending on the specifications of the camera switcher.

Reliable Safety Features

Automatic Head Cleaning

Whenever a tape is loaded, unloaded or rewound in Auto Repeat Recording mode, a cleaning roller passes over the video heads. By helping to prevent head clogging, this reduces maintenance costs and ensures high-quality recording.

Lockable Control Panel

Front panel controls can be disabled to prevent tampering and accidental changes to system settings.

Protection Against Power Failures

A built-in lithium battery provides protection against power outages, retaining the current time and selected mode for up to 30 days.

Tape Before-End Signal

When the counter reads 02H57M00s, the SVT-1000P continues to output a pulse signal until the end of the tape is reached.

Warning Signal

If recording is inadvertently stopped by some accidents, the SVT-1000P outputs a pulse signal for warning.

Buzzer Function

An audible sound is emitted during alarm recording or at the end of the tape. This feature is disabled, if silent operation is preferred.

Specifications

GENERAL

Mass	5.5kg (12 lb 2 oz)
Dimensions (w/h/d)	420 × 100 × 349 mm (16 5/8 × 4 × 13 3/4 inches)
Power requirements	AC 220 to 240V, 50/60Hz
Power consumption	18W
Operating temperature	5°C to 40°C (41°F to 104°F)
Operating humidity	80% or less

SYSTEM

Video signal	CCIR standard (monochrome) / PAL (colour)
Tape speed	23.39 mm/sec (3-hour mode)
Recording/playback time	3, 12, 24, 48 and 72 hours (E-180 tape)
Alarm recording speed	3, 12-hour mode, NC*
Alarm recording duration	20s, 1m, CC**
Fast forward/rewind time	Approx. 4 min. (E-180 tape)

VIDEO INPUT/OUTPUT

Video recording system	Rotary two-head helical scanning system Luminance signal: FM recording Colour signal: Low-pass band-pass transformation direct recording
Input	BNC × 1: 1 Vp-p, 75Ω, unbalanced, sync negative
Output	BNC × 1: 1 Vp-p, 75Ω, unbalanced, sync negative
S/N Ratio	43dB
Horizontal resolution	Colour: More than 240TV lines Monochrome: More than 320TV lines

AUDIO INPUT/OUTPUT

Audio recording system	Monaural
Audio recording time	3, 12 and 24 hours
Input	Phono × 1: -7.8dBs, 47kΩ
Output	Phono × 1: -7.8dBs, 600Ω
Microphone input	Ø3.5mm Mini × 1: -60dBs, 600Ω
Distortion	Less than 3% (3-hour mode)
Audio S/N ratio	43dB (3-hour mode)

OTHERS

Alarm input	Terminal trip × 1: Low level
Alarm output	Terminal trip × 1: +5V, 5.7kΩ (low active)
Switch output	Terminal trip × 1: +5V, 5.7kΩ (low active)
Tape end output	Terminal trip × 1: +5V, 5.7kΩ (low active)
Warning output	Terminal trip × 1: +5V, 5.7kΩ (low active)
External timer input	Terminal trip × 1: Low level
Remote control input	Ø3.5mm Mini × 1

SUPPLIED ACCESSORIES

AC power cord (1)
Operation manual (1)

OPTIONAL ACCESSORY

SVT- RS1A RS-232C Interface Board



*NC: No change of recording speed
**CC: Stays an alarm mode for as long as the alarm input remains active.(minumum 5 sec.)

Front panel



Rear panel



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Features and specifications subject to change without notice.

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