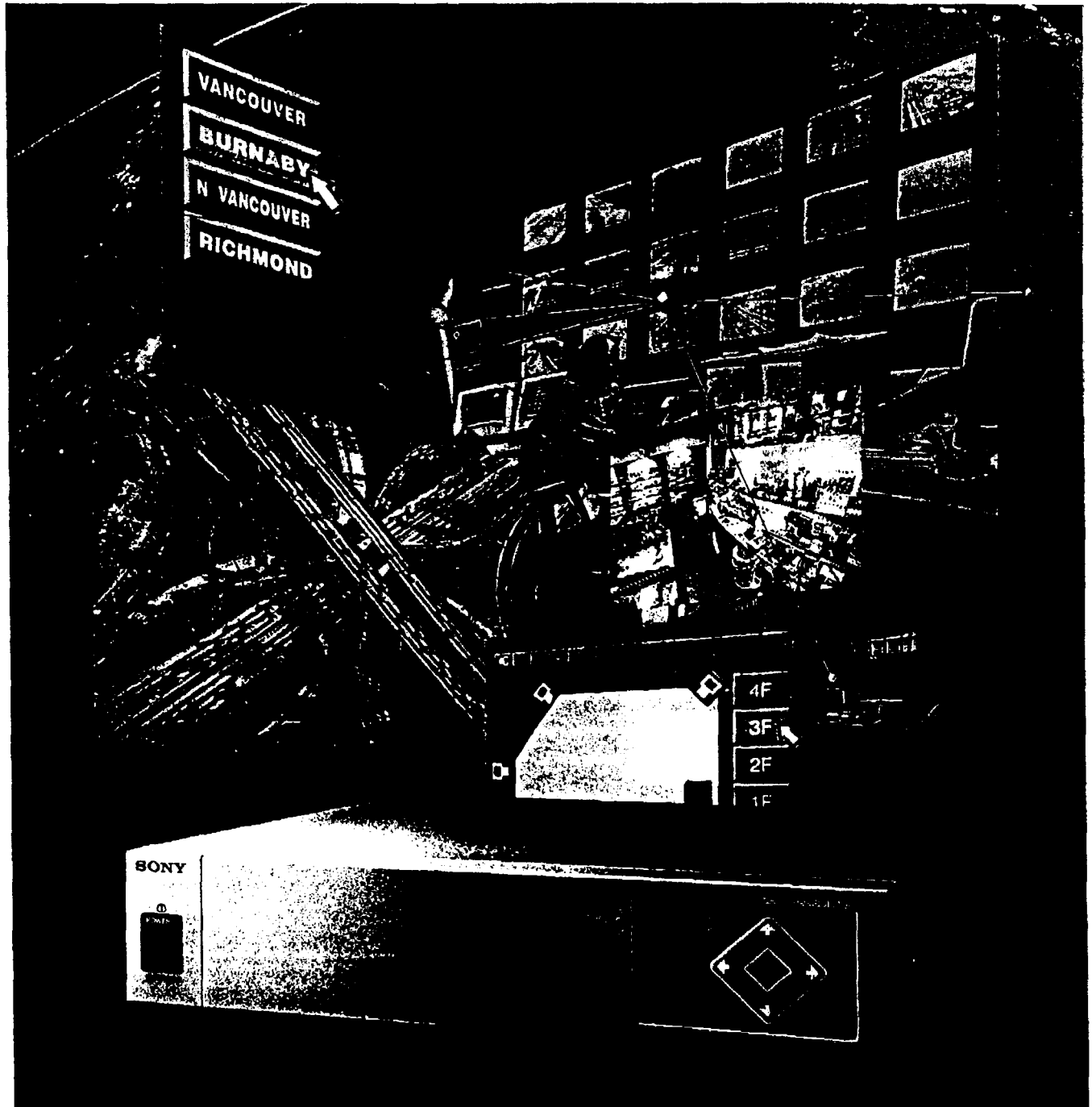


EIA/NTSC

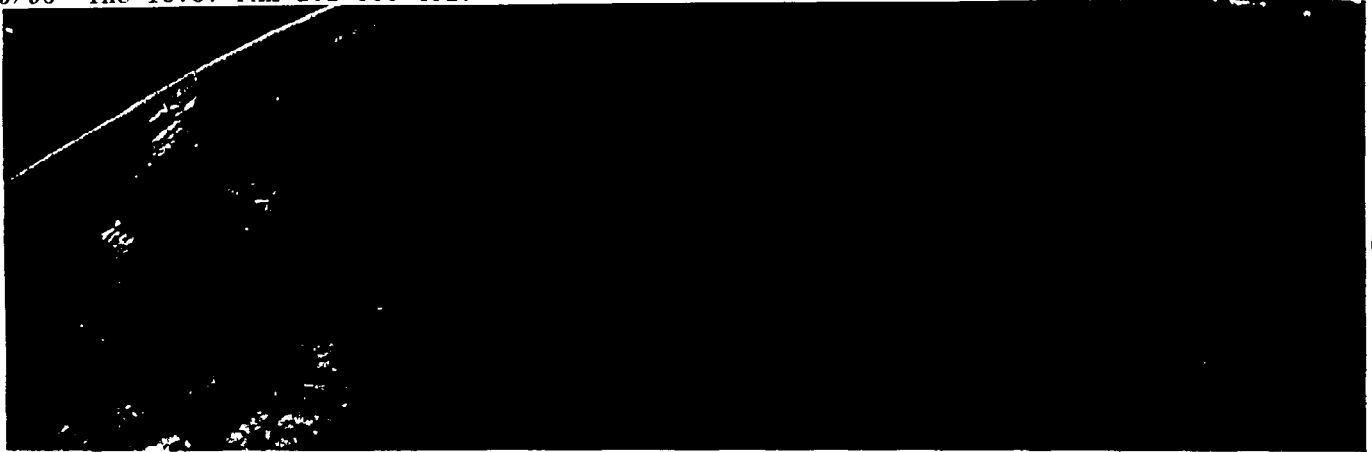
**SONY
SURVEILLANCE
SYSTEMS**

RSE-500/400

Video Transmitter



SONY



ISDN Voice Communication

Audio features can be used for more precise surveillance or for voice communication via the headset ports (MIC IN and EAR). For example, instructions can be given from the control center (center site) or reports received from the field (remote site).

RM-R500 Remote Control Unit

The RSE-500 is supplied with your choice of a wired or wireless RM-R500 Remote Control Unit. The RM-R500 lets you quickly and easily remotely control the RSE-500. Remote control buttons include camera switching, tilt and lens control, and picture transmission mode control.

Password Protection

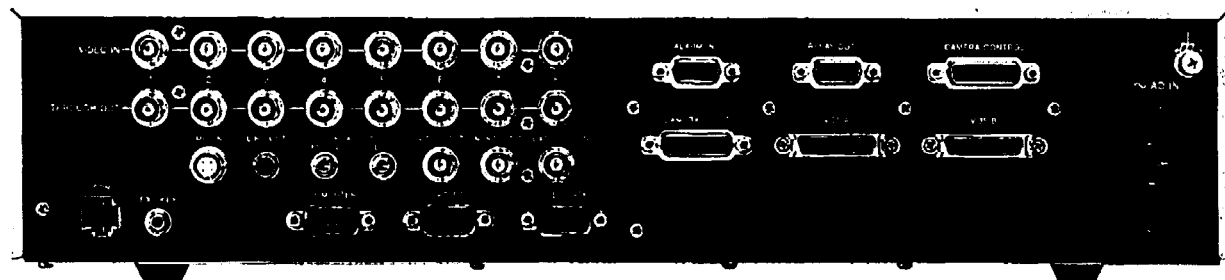
In order to prevent unauthorized calls to the remote site, the unit can provide two levels of protection, of which either one or both can be activated. The remote site video transmitter can be programmed to accept calls from authorized numbers only**. Additionally, password protection checks to see if the calling party's password matches that of the remote site video transmitter.

**This function is not applicable to all ISDN lines.

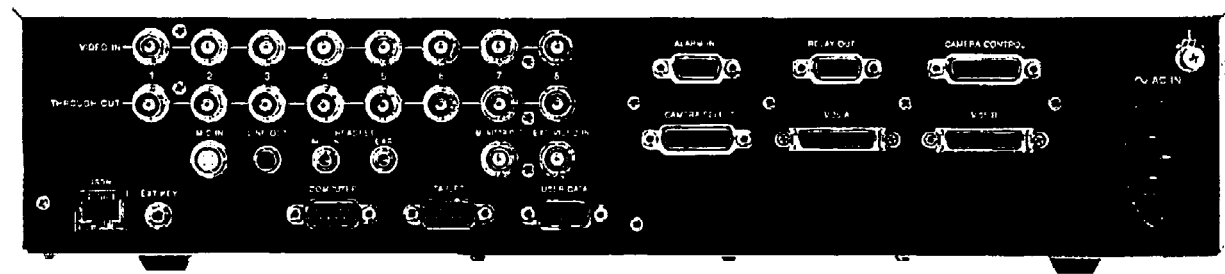
Self Diagnostics

The RSE-500 and RSE-400 incorporate self diagnostics to help provide trouble-free video transmission operation.

Rear Panel



RSE-500 Video Transceiver



RSE-400 Video Transmitter

Features

Three Picture Transmission Modes

The RSE-500 and RSE-400 offer three picture transmission modes*:

1. Fast mode: transmits more frames per second resulting in smooth and continuous video motion (up to 30 frames/second is possible)
2. Fine mode: transmits less frames per second in order to provide highly defined images
3. Normal mode: set between Fast and Fine mode to provide both a satisfactory level of continuous video motion and high picture quality

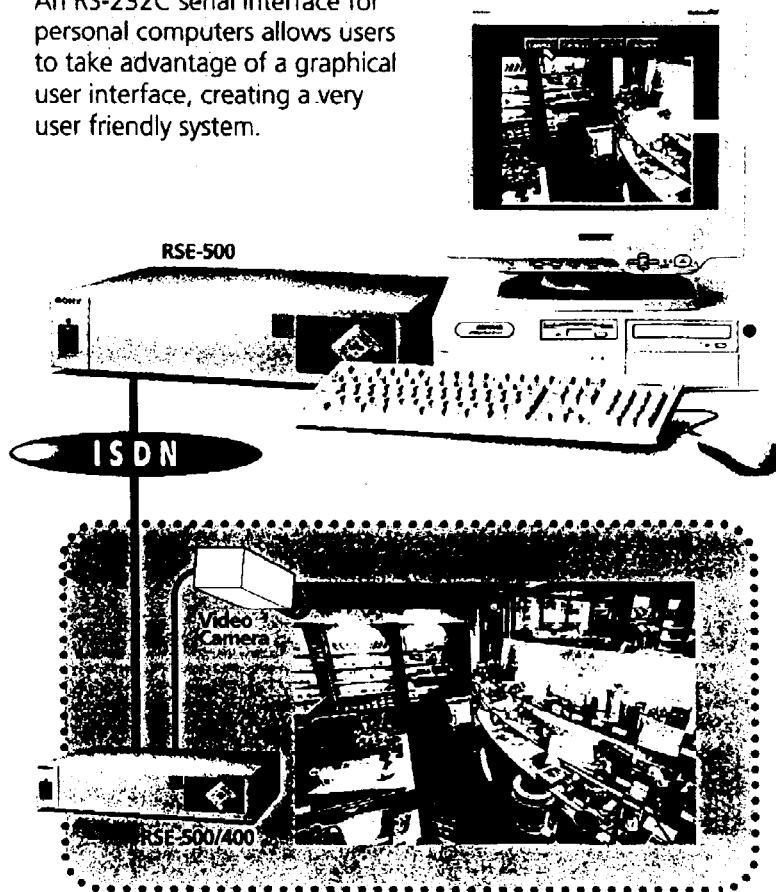
* Picture quality can be further improved by using a V35 interface (up to 384 kbps).

Alarm Forwarding

Up to 10 remote sites can be registered for each of the eight alarm ports. When an alarm is received, live video, audio and control data are transmitted automatically to the registered telephone numbers.

Computer Interface

An RS-232C serial interface for personal computers allows users to take advantage of a graphical user interface, creating a very user friendly system.

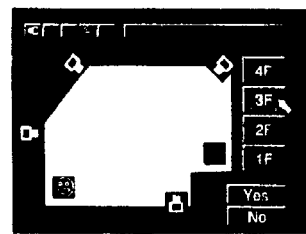
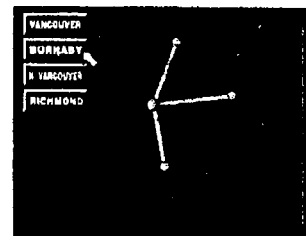


Powerful Surveillance System Control

By providing an output interface to a separate relay box, various remote site camera controls such as camera pan, tilt, zoom and focus can be made from the central site RSE-500. Also via a relay box the central site RSE-500 can control devices such as electronic door locks and lights at the remote site. Moreover, via the RS-232C or RS-422 ports 'Data Transparency' is achieved allowing signals from equipment connected to the RSE-500 or RSE-400 at different sites to pass through uninhibited. Signal transmission thus takes place as smoothly as if there was no distance separating the central and remote sites.

Camera Switching Control

The Camera Auto Scan function allows each of up to 8 cameras connected to the RSE-500 or RSE-400 to be switched in sequence.



How do the Sony RSE-500 and RSE-400 work?

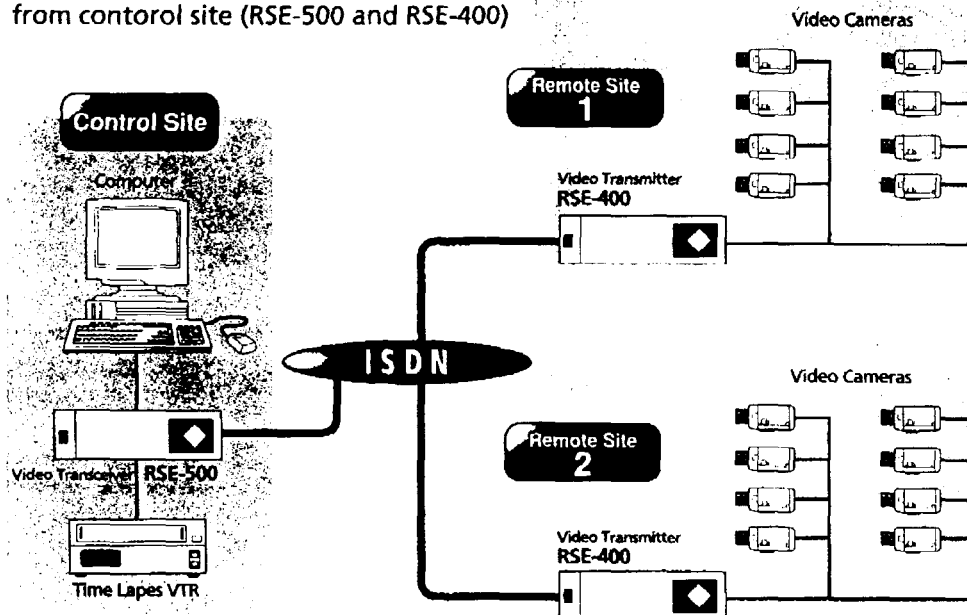
The RSE-500 and RSE-400 are easy to use. An ISDN (BRI) line links two or more units which can be connected to a wide range of video cameras, switchers, and TLV equipment. The RSE-500 video transceiver can send and receive live video, audio and control data via one ISDN (BRI) line using the global standard H.320 compression technology. To connect to a remote site you simply choose a registered telephone number from the menu. When the remote site is connected, the picture from the site is displayed. Remote site cameras can then be controlled or switched from the central site video transceiver.

	Video		Voice		Control data	
	Send	Receive	Send	Receive	Send	Receive
RSE-500	YES	YES	YES	YES	YES	YES
RSE-400	YES	No	YES	YES	YES	YES

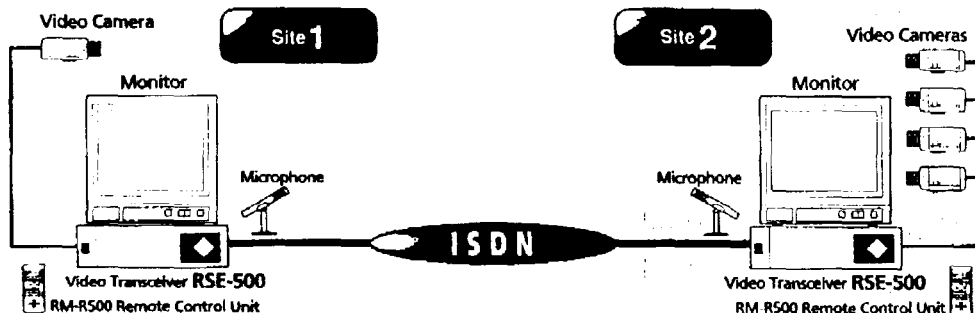
remote site is connected, the picture from the site is displayed. Remote site cameras can then be controlled or switched from the central site video transceiver.

System examples

1. Monitoring of remote sites from control site (RSE-500 and RSE-400)



2. Full video, audio, and data communication between sites (RSE-500)



Surveillance system control that overcomes any distance

The Sony RSE-500 video transceiver and RSE-400 video transmitter take advantage of the latest advances in telecommunications and image processing technology to deliver live video monitoring of remote surveillance sites. Overcoming any distance, Sony's RSE-500 and RSE-400 offer efficient system control while providing superior image quality.

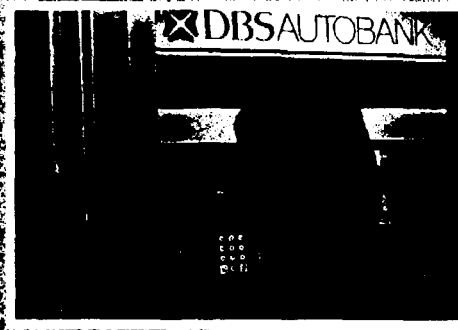
Where are the RSE-500 and RSE-400 used?

The RSE-500 and RSE-400 are ideal for remote security and surveillance operations in the following fields.



Retail

Convenience stores, jewelry stores, department stores



Finance

Banks, ATMs (Automated Teller Machines)

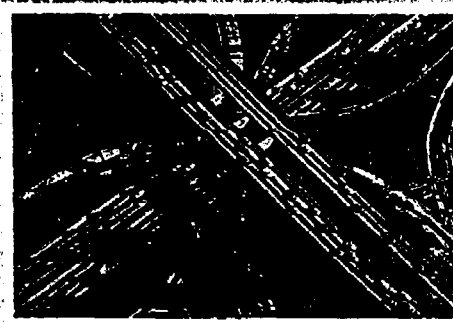


Central Monitoring Stations



Facility Management

Office buildings, hotels, parking lots, warehouses, construction sites, casinos, public works



Traffic Control

Intersections, highways, railroad crossings

Specifications

Video

Coding H.261 (ITU-T recommendation)
 Operating bandwidth 56 kbps/64 kbps/112 kbps/128 kbps
 Frame rate Max. 30 frames per second
 Picture elements 352 pixels x 288 lines
 Color system NTSC (mutually connectable with PAL)

Audio

Transfer rate 16 kbps (ITU-T recommendation, G. 728)
 Bandwidth 3.4 kHz (ITU-T recommendation, G. 728)

Network

Multiplexing Video, audio, data
 Frame format H.221 (ITU-T recommendation)
 Interface ISDN (BRI), S/T interface

Tablet input

Interface RS-232C or RS-422. Can also be used for 'Data Transparency' applications
 Baud rate 9600 bps

User data I/O

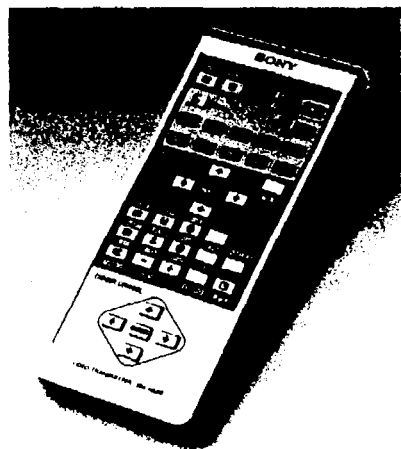
Interface RS-232C
 Baud rate 1200/4800/9600/19200 bps

General

Power requirements AC 120 V, 50/60 Hz
 Power consumption 0.55 A
 Operating temperature 5 to 35°C (41 to 94°F)
 Operating humidity 20% to 80% (no condensation)
 Storage temperature -20 to 60°C (-4 to 140°F)
 Storage humidity 20% to 80% (no condensation)
 Mass 7.0 kg (15 lb 7 oz)

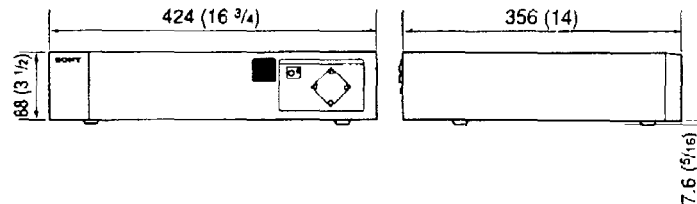
Supplied accessories:

- RM-R500 Remote Control Unit (for RSE-500 only)
- Size AA (LR6) alkaline batteries (2) (for RSE-500 only)
- Operation manual
- Menu sheet
- AC power cord



RM-R500

Dimensions



Unit: mm (inch)

Sony is a registered trademark of Sony Corporation.
 Features and specifications subject to change without notice.

Distributed by