



RVS4000

4-CHANNEL REMOTE VIDEO SERVER



The RVS4000 Remote Video Server is a cost effective remote video surveillance system targeted for a variety of applications. It enables you to interactively secure and manage your facility remotely from virtually any location. Use your computer to view live video from a remote site via a web browser (ie. Internet Explorer) or use the free Multi-Location Viewer software. The RVS4000 offers great flexibility since it supports various types of network connections: Internet, LAN, WAN, or external dial-up modem.

The user-friendly software allows for intuitive control of video and alarms. You can adjust your screen between single, quad, or a sequential mode to best optimize your view. The fully integrated dome function of the RVS4000 allows you to remotely control any domes from the SpeedDome® family of products. In the event of an alarm, the RVS4000 can automatically transmit pre and post alarm images to a registered e-mail address or FTP server. These images can be remotely saved and then retrieved as needed.

The easy to set-up user-definable motion detection grid and scheduler allows you to automatically transmit images from critical fields of view on alarm. This saves time by viewing images from only the areas of importance to you.

In addition, the system can be fully operated, maintained, and upgraded remotely over the user's communication link of preference.

The RVS4000 is perfectly designed for high security applications with its proprietary picture encryption methodology and two levels of security control (password protection and IP verification).

FEATURES

- JPEG compression
- Transmit live video up to 30 ips NTSC (25 ips PAL)
- Included software allows you to view 36 cameras and domes from multiple locations simultaneously
- PTZ control of remote domes
- Image resolution up to 640 x 480
- Allows you to select Single, Quad and Sequential display modes
- Sends pre and post alarm images to FTP server or to specified e-mail address
- User-defined motion detection
- Allows DVR function through the FTP and Multi-Location Viewer software
- Two types of security: password protection and IP verification
- Allows for easy software upgrades via internet connection

SPECIFICATIONS

Model Numbers

RVS4000S	4-Channel Remote Video Server, includes Multi-Location Viewer Software, NTSC, with 120 VAC Power Supply
RVS4000S-1	4-Channel Remote Video Server, includes Multi-Location Viewer Software, PAL, with 230 VAC Power Supply
RVS4000	4-Channel Remote Video Server, includes Multi-Location Viewer Software (Power Supply Not Included)

Accessories

RVS4000PS	Power Supply, 120 VAC to 12 VDC, 1 amp
RVS4000PSX	Power Supply, 230 VAC to 12 VDC, 1 amp

Remote Software Requirements

Microsoft Internet Explorer 4.0 or higher or Netscape Multi-Location Viewer software

Operational

Operating System	Embedded Linux
Image Compression	JPEG
Compression Level	4 levels (very low, low, normal, and high)
Display Resolution	640 x 480 or 320 x 240
Transmission Resolution	640 x 480, 640 x 240, or 320 x 240
Transmission Performance	Single: 30 ips NTSC (25 ips PAL) Quad: 7 ips NTSC (5 ips PAL)
Pre/Post Alarm Images	10 Pre, 10 Past Alarm, plus 1 Alarm Image Total of 21 images
LAN Interface	Ethernet 10/100 Base-T
Protocols	TCP/IP, ARP, RARP, HTTP, FTP, SMTP, ICMP, DHCP
Controls and Displays	Status indicator LED (yellow) Network indicator LED (green) Power indicator LED (red) Preset button Reset button
Alarm Inputs	4 inputs
Alarm Output	1 output (NO or NC)

Video Inputs/Outputs

Video Inputs	4 BNC connectors, 75 Ω (NTSC/PAL)
Video Outputs	4 loop-through BNC connectors (auto terminated)

Connectors

PTZ Control	2-pin snap-on type, RS-422 or RS-485
Alarm Input/Output	8-pin snap-on type
Network	RJ-45
Power	DC power jack
Serial Port	9-pin D-Shell Male

Mechanical

Dimensions	4.4 x 21.8 x 21.5 cm (1.73 x 8.58 x 8.46 in)
Weight	1.1 kg (2.42 lbs)
Shipping Weight	2.2 kg (4.85 lbs)
Color	Black

Environmental

Operating Temperature	0° to 50° C (32° to 122° F)
Storage Temperature	-30° to 60° C (-22° to 140° F)
Relative Humidity	5 to 85% RH (non-condensing)

Electrical

Supply Voltage	12 VDC (± 10%)
Power Consumption	12 watts maximum

Regulatory*

Emissions	FCC, Part 15 Class B CE: EN55022: 1998 Class B ICES-003
Immunity	EN50130-4: 1995 + A1
Safety	UL2044 EN61000-3-2: 1995 +A1 +A2 +A14 EN61000-3-3: 1995 + A1

* This product complies with the requirements of the EMC Directive, 89/339/EEC as amended by 93/68/EEC.

Basic System Diagram

