

# Video Vault R.E.Z

Continuous Recording Digital Video Recorder

## System Overview

The Video Vault R.E.Z is a digital video recorder targeted to Small Businesses and Residences with up to 8 camera inputs. Video is recorded to an internal hard drive eliminating the need for VCR tapes. Unique video compression allows high resolution, smooth-motion video to be stored for much longer than other leading systems. Advanced networking features allow live remote viewing of cameras from home or office over a high speed Internet connection using client software and/or a web browser. As well as being field upgradeable, R.E.Z units are also compatible with the rest of our Video Vault™ Series offering you incredible flexibility whether you have one or 100 sites!



trust  
protect  
ensure

- **Full-time 24 Hour Recording**

The R.E.Z records all cameras continuously whereas other leading systems will start and stop recording to extend recording time.

- **2400 to 1 Compression**

Our systems use revolutionary new dynamic video compression that provides compression of up to 2400:1. This surpasses systems using conventional compression such as AVI, JPEG, MJPEG, MPEG2, MPEG4, or WAVELET.

- **Smooth Motion Playback**

The R.E.Z continuously records more images per second than other leading systems providing realistic, smooth motion playback compared to the jerky, stop-action pictures of previous technologies.

- **Find Events Easily**

With the R.E.Z you can quickly find and review video with a click of the mouse. Video can be played back while the system is still recording.

- **Advanced Features**

All Video Vault units have advanced remote control and alarm notification features. Even record your own voice alerts to be played at a remote station!

- **Ready To Record**

The R.E.Z is ready to record video right out of the box without any programming.

- **Extras**

Each R.E.Z package includes Optical Mouse, Cat 5 cable, Blank CD's and more.

- **Expandable**

Your investment is protected. The R.E.Z is field upgradeable and expandable.

- **Alarm Motion Detection**

Built-in video motion detection identifies after-hours movement that can quickly and easily be reviewed later. The video can even be emailed to you as events happen.

- **Advanced Networking**

Superior video compression allows video to easily be transmitted over networks using less bandwidth.

- **Watch Your Businesses From Home**

The R.E.Z allows you to simultaneously view multiple locations using a high speed internet connection and your home PC.

- **Watch Multiple Sites At Once**

Multi-channel networking allows viewing of multiple cameras in groups of up to 16 cameras at a time. Easily switch between groups to see numerous different locations.



# Video Vault R.E.Z

## Continuous Recording Digital Video Recorder



### Key Features

#### Recording

- Records video using a unique video compression algorithm that allows high-quality security video to be recorded at a high frame rate and stored for an extraordinary length of time using a minimum of hard drive space
- The R.E.Z can record high resolution, high quality security video for months where other systems often only record for days
- Cameras record continuously 24 hours a day without the need to ever stop recording
- Records high resolution images (640 x 480 pixels)
- Adjustable recording frame rate
- System automatically deletes oldest video for maintenance-free operation
- Recorded video is permanently imprinted for use as evidence with:
  - Watermark
  - Site name
  - Camera name
  - Time and date of the image
  - Recording start and stop points
- Control of PTZ cameras with Pan, Tilt, Zoom, Focus, and Iris control
- Automated tours of PTZ preset positions with variable dwell time

#### Video Search and Playback

- Search tools to quickly find video events
- No need to stop recording, system keeps recording even during playback
- Instant replay feature allows quick playback of recent events
- Frame by frame playback (forward and reverse)
- Recorded video from all cameras can be played back simultaneously

#### Video Motion Detection Alarms

- Video motion detection on all cameras with adjustable schedules for each camera
- Alarm events quickly identify when someone moved through an area allowing for quick review
- Alarm events can be reviewed the next morning or they can even be emailed to your home computer

#### Playback Video on any PC

- R.E.Z systems include viewer software which allows for the playback of the proprietary compressed and secure video files on any Windows 2000 or XP PC
- Each R.E.Z an internal CD-RW burner to easily transfer video clips
- Built-in video enhancement tools
- Full "VCR" control with high speed play as well as slow speed advance
- Frame by frame playback (both forward and reverse)
- Video snapshots can be saved and printed using your existing printer
- Video can be enhanced using the viewer without damaging the value of the original file as evidence
- Video can be played full screen for maximum effect
- Authenticity can be verified by watermark, site name, camera name and time and date
- Video clips can be converted from the compressed secure format to non-proprietary AVI format if required

#### Expandable Platform

- Each R.E.Z is fully expandable
- Hard drives can be added for extended storage
- Video inputs can be added to expand a 4 camera unit into an 8 camera unit
- Future networking and storage devices can be added including USB devices



#### Hardware Specifications

- Attractive silver and black compact case
- Up to two internal hard drives
- 200 watt power supply
- Dimensions approx. 8"W,17"H,19.5"D
- Microsoft Windows XP Operating System
- AMD 2200+ Processor
- 256MB RAM
- 128-bit integrated graphic engine
- 80GB hard drive, expandable to 200GB
- Records 4 or 8 cameras, four input system can be expanded to 8 with the use of additional input cards
- Can record 3 or 5 channels of audio
- Hardware watchdog monitors system performance and resets the system in the event of an error
- 10/100 network interface
- PS2 keyboard and optical mouse
- 17" Black SVGA monitor
- 11-outlet surge suppressor
- CD-RW Burner & Blank CD-pack

#### Optional

- DVD Burner Upgrade
- Dual SVGA Video Upgrade
- USB RAM Stick
- Flat Screen Monitor Upgrade
- Input/Output Module
- Point-of-Sale Software (4 channel)
- POS Register Interfaces
- Serial Input Expander
- Serial-over-LAN (TCP/IP)
- Serial PTZ Converter (RS-232 to 422/485)
- Speakers

### Networking and Remote Viewing

#### Networking and Remote Management Software

- R.E.Z systems include remote software for LAN, WAN, and Internet connections
- The unique video compression of the R.E.Z allows high quality video transmission over a network using minimum bandwidth
- Remote software provides the option to record high quality video to be recorded as it is viewed
- Motion alarm events can be viewed along with the video of the alarm event

#### Simultaneous Multiple Site Monitoring

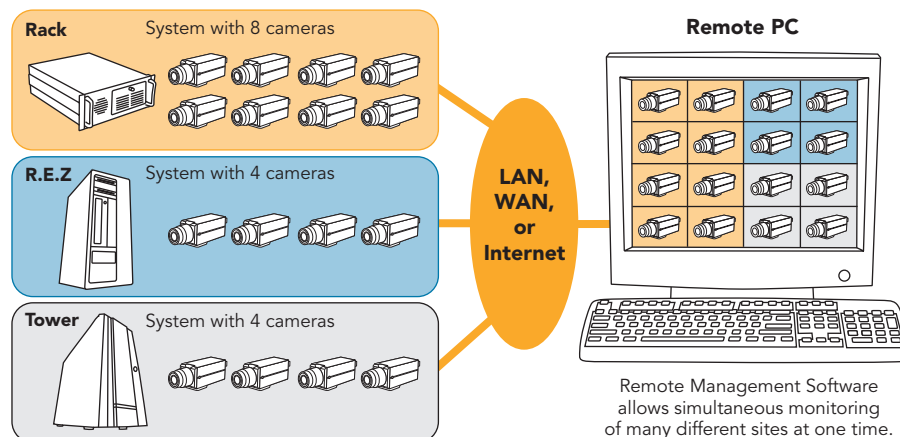
- Remote software allows for the simultaneous monitoring of multiple remote sites from one PC

- PC screen can be split into 16 cameo views and each view can be of a different camera from a different site, each displaying live video
- Many different combinations of views can be programmed and then accessed quickly to change which sites and which cameras are displayed
- Recorded video can be retrieved and displayed

#### Web Camera Service

- Use Internet Explorer / Windows Media Player to view cameras and listen to audio from your R.E.Z
- Watch multiple cameras at the same time
- An excellent way to watch multiple sites all at once
- Use as a Nanny-Cam

#### Multiple Site Networking



#### How to order/part number specification:

#### RZnn-sssP

- P** = Package (includes 17" black CRT Monitor and Surge Bar)
- sss** = Storage: **80 / 200**
- nn** = Channels: **4 / 8**
- RZ** = Model

(e.g. 8 channel R.E.Z package with 200GB storage: **RZ8-200P**)