



EEDR32 Product Specification

EEDR32 Series Digital Video Recorder Reliable, Embedded, Expandable, Affordable

Product Features

- 1 - 32 Camera inputs per DVR unit
- Up to 240 frames per second
- Simultaneous playback and record of all cameras
- Embedded OS with hard disk protection utility for total reliability and stability
- Built-in digital motion detection with zone and sensitivity adjustments
- Built in Smart Search/AVI Archive feature
- Continuous, scheduled, or event based recording
- Live camera digital Zoom for greater flexibility
- Two way and remote voice capability



EEDR32 & 32IF



Expandable EEDR32RF

CSI offers three 32 channel **Essential Series Digital Video Recorders (EEDR32)**. These DVRs record and playback video from up to 32 cameras at up to 240 frames per second. The **EEDR32 DVR** is designed on Windows XP Embedded platform making it the most reliable DVR in its class. The **EEDR32 DVR's** operating system is embedded within a **Flash Memory** * providing added reliability.

The **CSI's** exclusive software protection utility included with the **EEDR32 DVR** prevents any accidental or intentional corruption of the OS as well as protection against any permanent damage caused by viruses and malicious software. This utility furthermore provides protection for the stored video against unauthorized access and deletion. The embedded **Flash**, disk protection utility, mass storage, optional RAID, removable and hot swappable drive bays* enable the **EEDR32** series DVR to be the perfect solution for any mission critical operations in either the private industries or the government agencies.

The **EEDR32 DVR** is configured to record images from up to 32 cameras for more than 360 days**. The images are stored in a secure data format and are easily retrieved through a built-in search function. Setup, search and backup functions of the DVR can easily be performed remotely.

The images can be displayed in 1, 4, 6, 7, 9, 10, 13, 16 and 32 windows format. Furthermore, the image windows can be shuffled around the screen for easier viewing. Each camera can independently be configured for recording type,

speed, color control and motion detection zones. Each camera can be labeled in text as to its description and site location.

There is a 24 hour 7 day individual schedule available for each camera. There are 10 motion detection zones with sensitivity controls available for each camera.

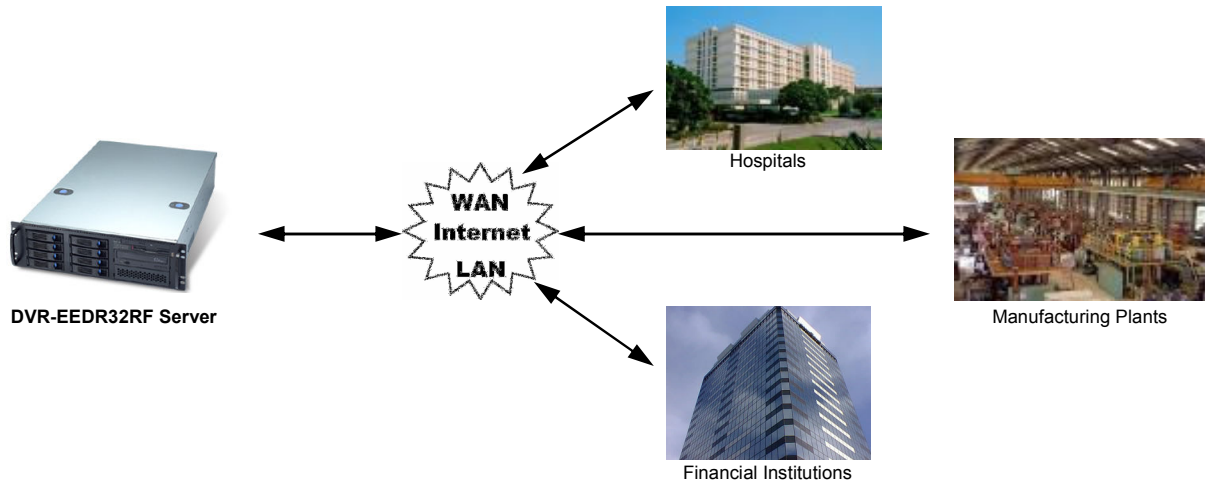
Each DVR unit is equipped with dedicated CDRW drive. The incidents can be archived onto non-corrosive CDR media for distribution as AVI format or compressed database for backup. The **EEDR32 DVR** is configured to support any USB backup medias such as USB Flash Memory Stick or external hard disks.

Included with the **EEDR32 DVR** is a powerful Uninterrupted Power Supply (UPS)*** to provide clean power to the DVR and to ensure recording capabilities during power fluctuations and power brownouts.

The storage capacity of each DVR can be expanded to record more than 365 days based on frame rate and motion detection recording on all 32 cameras. The DVR is network capable and easily expandable to multiple units. The images from each DVR can be viewed from a remote PC through a secure, password protected interface software or directly through the Internet browser without additional software requirements via LAN or Broadband connection. Multiple user accounts can be setup for remote access. Different screens can be protected from access by users through limiting options for each user account.



Application



The Embedded **EEDR32 DVR** is designed with large Manufacturing Plant, Financial Institutions, Hospitals, Nursing Homes, Schools, or any large size operation in mind. With 32 video channels and LAN configuration, there is no limit to the number of linked DVRs or the number of cameras attached making it suitable solution for even larger wide area operations.

CyberView Systems (CSI) has been a forefront in DVR technology. Our DVR product lines have been providing 24/7 surveillance for many nationwide businesses since 2000. CSI's DVRs are manufactured with the highest quality components from the very best manufacturers in the industry. These components are put through rigorous tests to ensure trouble free operation. Our professional staff will gladly custom design and configure a complete solution for your operation with a personal service and support after the sale.

Technical Specifications

Models

DVR-EEDR32240	(4U Rackmount Server)
DVR-EEDR32IF	(4U Rackmount Server)
DVR-EEDR32RF	(3U/4U Enterprise Servers RAID 5 optional)

Electrical/Video

Input Voltage	100-240 VAC, 50/60 Hz
Power Consumption	185 W (EEDR32240) 345 W (EEDR32IF & RF)
Processor	Intel Dual Core
Memory	1000 MB upgradeable to 2000 MB

Storage SATA IDE

EEDR32240/32RIF	1000GB expandable to 4000GB
EEDR32RF	2000GB expandable to 8000GB
	RAID (optional)
Display Adapter	ATI PCI-Express x16
Backup Drive	CDRW drive
Communication	Ethernet 10/100 for LAN or Broadband Internet
Signal System	NTSC
Operating System	Windows® XP Embedded (Flash Memory for IF & RF series)

Recording Resolution	320 x 240, 720x480 (optional)
Compression	MJPEG, DMPEG4, MPEG4+
Image Size	1K-7K based on compression
Video Input	32 at up to 240 fps/DVR
Video Output	15 pin SVGA for color monitor

TV Output	2 RCA/1 SVideo
Operating Temperature	40°F to 80°F

Mechanical

Connectors

Video Inputs	BNC
Mouse & keyboard	USB
Com 1	DB9 M
Printer port	USB
Monitor port	DB15
TV out	RCA/SVideo
Ethernet port	RJ-45 (10/100)
Audio	1/8 jack for MIC/Line/Speakers

Power Protection

Uninterrupted Power Supply
*** EEDR32RF RAID requires rackmount UPS not included.

Accessories

- Keyboard
- Mouse
- BNC to DB15 camera plug in cable
- Mouse pad
- Power cord
- Server Recovery & remote software & a blank CD

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* The Flash OS is not available on all models.
 ** Frame rate, camera specification, and environmental lighting will affect the recording capability as mentioned.