



EVL16120 Product Specification

EVL16120 Series Digital Video Recorder Reliable, Embedded, Expandable, Affordable

Product Features

- 1 - 16 Camera inputs per DVR unit
- Up to 120 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
- Easy archiving of incidents on CDRW drive

The **EVL16120 DVR** server is a Special Edition Digital Video Recorder that can record and playback video from up to 16 cameras at up to 120 frames per second simultaneously. The **EVL16120 DVR** is designed on Windows XP Embedded platform making it the most reliable user-friendly PC based DVR in the market. The **CSI's** exclusive software protection utility included with the **EVL16120 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. These features make the **EVL16120 DVR** an appropriate choice for any Financial Institutions, Government Agencies, Public School Systems and Healthcare Facilities.

The **EVL16120 DVR** is configured to record images from up to 16 cameras, 24 hours a day for more than 30 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 access to the software is protected with user configurable passwords.

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



EVLD16120



EVLR16120

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.

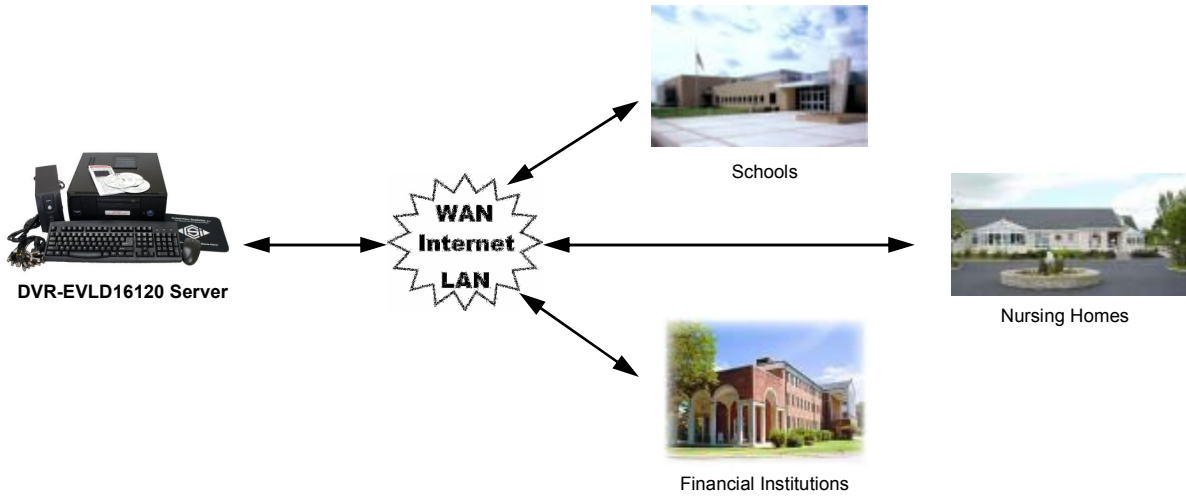
Each **EVL16120 DVR** unit is equipped with dedicated CDRW drive. The incidents can be archived onto non-corrosive CDR media for distribution as AVI format or compressed database for backup. The **EVL16120 DVR** is configured to support any USB backup medias such as USB Flash Memory Stick or external hard disks.

Included with the **EVL16120 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 360 days based on frame rate and motion detection recording on all 16 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 **EVL16120 DVR** is designed with Financial Institutions, Hotels, Nursing Homes, Schools, or any small to mid sized operation in mind. However using LAN configuration, there is no limit to the number of linked DVRs or the number of cameras attached making it suitable solution for any type of business .

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-EVLD16120** (Desktop)
- DVR-EVLR16120** (4U Rackmount Server)

Electrical/Video

Input Voltage 100-240 VAC, 50/60 Hz
 Power Consumption 170 W Desktop
 175 W Rackmount

Processor Intel Dual Core
Memory 1000MB upgradeable to 2GB

Storage SATA IDE
EVLD16120 500 GB
EVLR16120 500 GB expandable to 2000GB

Backup Drive CDRW drive
 Communication Ethernet 10/100 for LAN or Broadband Internet

Signal System NTSC
 Operating System **Windows® XP Embedded**
 Recording Resolution 320 x 240, 720 x 480 pixels (NTSC)
 Compression MJPEG, MPEG4, MPEG4+
 Image Size 1K-7K based on compression
 Video Input 16 at up to 120 fps/DVR
 Video Output 15 pin SVGA for color monitor
 TV Output 1 RCA for sequencing video (16 Ch)
 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
Ethernet port	RJ-45 (10/100)
Audio	1/8 jack for MIC/Line/Speakers

Power Protection Uninterrupted Power Supply

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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* Frame rate, camera specification, and environmental lighting will effect the recording capability as mentioned.