



# 4CH All In One 17" LCD DVR

Ultra Slim System w/ 4 Indoor/Outdoor Hi-Res Night Vision Security Cameras

COMPLETE SYSTEM



 **Wired**

Records up to  
480 Days (320GB)

View  
Online

Motion Activated  
Recording

Model #  
CLEARVU9  
www.svat.com

# 4CH All In One 17" LCD DVR Ultra Slim System w/ 4 Indoor/Outdoor Hi-Res Night Vision Security Cameras

## FEATURES



### Record up to 480 Days<sup>1</sup>

This DVR utilizes the advanced Seagate SV35 hard drive. The 320GB hard drive has a 5 year warranty and was designed by Seagate for optimization with DVRs to ensure secure and consistent recording for years.

*(5 year warranty through Seagate).*

**Seagate**   
SV35™



### View Video Online w/ No Service Fees<sup>2</sup> (Supports DDNS)

View live or recorded footage from any computer with Internet Explorer, anywhere in the world (other web browsers are not compatible). This unit also features auto time syncing, which makes the time on your video footage consistent with the official time. The unique design of the DVR operating system also means you don't have to sign up for any additional services.

### Night Vision (Infrared)



The cameras come equipped with 12 infrared (IR) LEDs that allow you to see in the dark, up to 15ft away!<sup>5</sup> They activate automatically when it gets dark, and deactivate during the day to save energy (CDS sensor).

### Password Protection

Ensure that only authorized users can change DVR settings or halt recording.



### 4 Hi-Res Indoor / Outdoor CCD Cameras

The high quality CCD image sensors in these cameras provide a clear, crisp and consistent picture at 420 TV lines of resolution. They also allow you to better distinguish facial features, which can help in the positive identification of individuals. Each camera is built for the outdoors with professional grade weatherproof housing<sup>6</sup> and a sunshade.



### Pan/Tilt/Zoom (PTZ) Support

This DVR is compatible with PTZ cameras. Control your PTZ camera locally and over the web (PTZ camera and cable not included).

### Stylishly Integrated 17" LCD

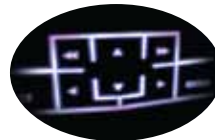
The LCD profile is amazingly slim. View crisp clean video on the 17" screen. The CLEARVU9 instantly transforms your viewing space into a vibrant, clutter-free, security base station.

### VESA Mount

The back panel of the DVR allows the unit to be safely wall mounted, and all cables meet VESA guidelines for organized cable management.

### Electroluminescent DVR Control Panel

The buttons on the DVR are backlit blue, allowing you to easily operate the system in the dark.



1 YEAR WARRANTY

## FEATURES



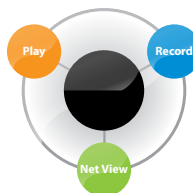
### Email Alerts

This system helps keep you notified of events happening in your monitoring location. You can set the unit to automatically send alerts to your email inbox whenever motion is detected or when cameras lose power. Up to 7 different email addresses can receive these alerts.



### USB/DVD/CD Backup

You can transfer video footage to a USB flash drive for archiving or offsite viewing. You can also transfer your footage using an external DVD/CD writer.<sup>3</sup>



### Triplex DVR

This DVR gives you the ability to play, record, and remotely view at the same time. Seamlessly play back your video footage or enter menu screens while recording and viewing over the Internet.



### Auto-Start Recording

The DVR instantly begins recording when you first power it on. It will resume recording after any power loss, providing you with a stable, worry-free security system.<sup>4</sup>



### Pre-Event Recording Time

Never miss the events that cause the DVR to begin recording. When the system is in motion activated recording mode, you can set the DVR to store up to 5 seconds of video footage before the movement actually happened, ensuring that you don't miss anything.

### 2 Way Internet Communication

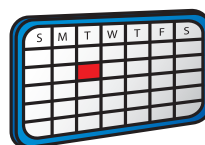
This system comes equipped with audio support and allows 2 way communication between the DVR and a remote PC when connected via the Internet.

### Advanced Motion Activated Recording

You can set the DVR to record only when motion is detected and alert you with an audible alarm. You can even set individual cameras to detect motion, and only video from those cameras will be recorded. Motion Mask allows you to block areas with constant motion, ensuring that only suspicious activity is recorded.

### Mouse/Remote Control

Navigate the onscreen menu with the included USB mouse and remote control.



### 24/7 Scheduled Recording

Set up a weekly recording schedule, and specify which hours of the day you want to continuously record, motion detect record, or not record at all. All video is time and date stamped for easy searching and playback.

### Covert Mode

This system offers a covert way of recording so you have the option to keep your camera locations discreet. The DVR will record footage, but the camera channel will display a blue screen. This option is customizable for each camera to meet your needs.

### Search by Date, Time, or Event

Finding your recorded footage is easy. Simply choose the desired date and time range, and the requested video clips will appear. Clips are also labeled by event, which makes it easy to find footage that was captured

## WHAT IS INCLUDED



17" LCD DVR with 320GB HDD



4 Outdoor Night Vision CCD Cameras



4 x 60ft 4 PIN DIN to RCA (Male)/Power Cables



10ft RJ-45 Cable



4 Window Warning Stickers



5 RCA to BNC Connectors

- 8.5 ft DC12V Power Adapter for DVR
- 4 Power Adapters for Cameras

- Mounting Hardware
- Online/Toll Free Support

- Instruction Manual / Quick Start Guide
- 1 Year Warranty

- USB Mouse
- Software CD

# SPECIFICATIONS

## 17" LCD DVR

Display .....	17" Color TFT-LCD
Functionality.....	Triplex
Video Compression.....	MPEG-4
Number of Cameras Supported .....	4
Output File Format .....	AVI
Resolution.....	NTSC: 704x480 / PAL: 704x576
Recording Frame Rate .....	120 FPS (Fully Adjustable)
Recording Time .....	Up to 480 Days (On Lowest Quality Settings)
Recording Resolution .....	CIF, 2 CIF, D1
Recording Qualities .....	Low, Standard, High, Highest
Recording Modes .....	Continuous, Scheduled, Motion, Alarm
Recording Media .....	320GB HDD
Storage Capacity .....	Unlimited (320GB Included)
Autostart Recording.....	Yes
Auto Resume Recording.....	Yes
HDD Type.....	Internal
Removable HDD.....	No
Video Format.....	NTSC/PAL
Video Loss Alarm.....	Yes
Video Inputs.....	4 BNC / 4 x 6 PIN DIN
Video Display Output .....	1 Spot Out (BNC)
Audio Input.....	4 RCA Composite
Audio Codec .....	G.711
Audio Output .....	1
Live Resolution.....	NTSC: 704 X 480 / PAL: 704 X 576
Audio Bitrate.....	64 kbps
Live Frame Rate.....	120 FPS
Live Viewing.....	Full, Quad, Zoom, Sequence
Network Protocol .....	TCP/IP, DDNS, DHCP
Network LAN IP.....	Static, Dynamic
Network Connection .....	9/90 BaseT Ethernet (RJ-45)
Back-up.....	USB/External DVD/CD Writer (Not Included)
Play Speed .....	1X, 2X, 4X, 8X, 16X, 32X, 64X Supporting reverse/forward playback
Pan/Tilt/Zoom Camera Support .....	Yes
OSD and System Menu Display.....	Yes
OSD Language Display .....	English
Time and Date Stamp Display .....	Yes
Password Protection.....	Yes
Adjustable Screen Settings.....	Color, Brightness, Contrast, Tint
File Transfer.....	USB, External DVD/CD Writer
Operating System.....	Proprietary
Processor.....	Proprietary
Disk Full Warning .....	Yes
Automatic Overwrite Option .....	Yes
Playback Navigation.....	Rewind, Fast Forward, Play, Pause, Stop
LED Indicators .....	Power, Record, Network, Alarm
Housing Material.....	High Density Resin
Housing Color.....	Ivory White
Power Input .....	12V DC 5A
Power Consumption .....	60W
Power Adapter Input.....	90V 50/60HZ~240 50/60HZ (switching adapter)
Operating Temperature .....	32°F~113°C
Operating Humidity.....	<90%
Alarm Sensor Inputs.....	Yes, 4

Alarm Sensor Connection .....	Terminal Block
Firmware Upgradeable .....	Yes, via USB port
Remote Control .....	Yes
Supported USB Peripherals .....	USB Flash Drive, External CD Writer, External DVD Writer
Alarm Sensor Inputs.....	Yes, 4
Alarm Relay Outputs .....	Yes, 1
PTZ Protocols.....	Supporting 20 Protocols
Dimensions .....	18.5" x 18" x 7.5"
Weight .....	17.0 lbs.

## CAMERA

Camera Type.....	Bullet
Image Sensor.....	1/4" Color Sharp CCD
Resolution.....	420 TV Lines
Outdoor Use.....	Yes
IP Rating .....	IP65
Focal Length .....	3.6mm
Focus Type.....	Fixed
Night Vision.....	Yes
Number of IR LEDs and Range.....	12, up to 15ft
IR LED Control.....	Automatic (CDS Sensor)
Min. Illumination .....	0 lux
IR Wavelength.....	850nm
Video Output.....	4 PIN DIN (60ft 4 PIN DIN to Video/Power Wire Included)
TV System .....	NTSC
Microphone.....	No
Motion Detection .....	No
Viewing Angle.....	60 Degrees
Electronic Shutter.....	1/60 ~ 1/100000 sec
BLC.....	No
AGC .....	Automatic
ELC .....	Automatic
Line Lock .....	No
Iris Control.....	No
White Balance.....	Automatic
Sun Shield.....	Yes
IR Cut Filter .....	No
Housing Material.....	Anodized Aluminum
Housing Color.....	Platinum Silver
Signal/Noise Ratio.....	>48dB
Camera Bracket .....	Yes
Operating Temperature .....	-14°F ~ 122°F
Operating Humidity .....	98%
Camera Power Input.....	DC 12V 300mA
Power Adapter Input.....	120V 60Hz
LED Power Indicator.....	No
Dimensions .....	5.5" x 5" x 2.44" (with stand)
Weight .....	0.85lbs (with stand)

- Supported File Compression MPEG-4
  - 1. Recording capacity may vary based on recording resolution and quality, lighting conditions and movement in the scene.
  - 2. Requires broadband router and broadband Internet connection – not included
  - 3. Not Included.
  - 4. For continuous recording during power outages, we recommend using a UPS surge protector.
  - 5. IR illumination range up to 15ft (4.5m) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.
  - 6. Not for use in direct exposure to water, rain or snow.
- Not Mac Compatible.