



15" LCD-DVR 4CH All-In-One System

H.264 DVR with 4 Indoor/Outdoor Hi-Res Night Vision Security Cameras

COMPLETE SYSTEM



Records Up To
2 Years

*Based on a 320GB Hard Drive

View Online
Anywhere

Motion Activated
Recording

Model #
CLEARVU11
www.svat.com

15" LCD-DVR 4CH ALL-IN-ONE SYSTEM H.264 DVR with 4 Indoor/Outdoor Hi-Res Night Vision Security Cameras

FEATURES



Smartphone Compatible¹

Access live or recorded footage directly from your mobile device. Your DVR can also be set up to e-mail your hand-held whenever programmed activity occurs.

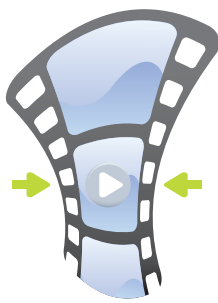
View Video Online with No Service Fees² (Supports DDNS)

View live or recorded footage from any computer with Internet Explorer – anywhere in the world. The unique design of the DVR operating system also means you don't have to sign up for any additional services.



Record Up To 2 Years³

The Seagate[®] SV35 Series[™] hard drive is the only drive specifically designed and optimized for 24x7 surveillance digital video recording; providing the reliability, performance, and capacity required to protect people, property and processes.



H.264 Compression

H.264 Compression is the latest and most advanced compression level available for a DVR system. You will see the same high quality results as MPEG-2 video, but save almost 50% on storage space. H.264 maximizes your hard drive while still providing an amazing picture.

24/7 Lifetime Live Customer Support

Assistance is available whenever you need it. Visit www.svat.com for simple tips, help with networking, and videos. Our customer support team can be reached by phone 24/7, or by e-mail and live web chat services.



Stylishly Integrated 15" LCD

The LCD profile is sleek and light. View crisp, clean video on the 15" screen. The CLEARVU11 instantly transforms your viewing space into a vibrant, clutter-free security base station.

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.⁴

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.⁵

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.

View in the Dark with Automatic Night Vision

The cameras come equipped with multiple infrared (IR) LEDs that allow you to see in the dark, up to 15ft away!⁶ They activate automatically when it gets dark, and deactivate during the day to save energy (CDS sensor).

4 Hi-Res Indoor/Outdoor Cameras

These compact and durable cameras provide a clear and consistent picture. 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 and a sunshade.⁷

Six Simultaneous Actions

The CLEARVU11 is a hexaplex system, which gives you the ability to record, view live footage, playback, back-up, control, and view online all at the same time. Seamlessly play back your video footage or enter menu screens while recording and viewing over the Internet.

Covert Mode Protects your Camera Locations

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.

Adjustable 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 video footage before the movement actually happens, ensuring that you don't miss anything.

- 1) Not all mobile devices are compatible with this system. To see which devices are compatible please visit our website: www.svat.com
- 2) Requires broadband router and broadband Internet connection – not included. Internet Explorer is the recommended browser.
- 3) Recording capacity may vary based on recording resolution and quality, lighting conditions and movement in the scene. Based on a 320GB hard drive, using lowest quality settings.
- 4) DVD/CD writer not included. USB flash drive not included.
- 5) For continuous recording during power outages, we recommend using a UPS surge protector.
- 6) 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.
- 7) Not for use in direct exposure to water, rain or snow.

1 YEAR WARRANTY

WHERE DO I PLACE THE CAMERAS AT MY BUSINESS?

Camera Locations

The most important areas to monitor with your cameras are your entrance-ways. By doing this, you will have visual confirmation of everyone who enters and exits your building.



Important Areas

Monitor areas and rooms where valuables, such as your safe, high ticket products and confidential documents, are kept.



Store Aisles

Position cameras on to aisles so you can observe any suspicious activity when viewing live or recorded footage.



Inventory Rooms

Protect your inventory. In 2007, one in every 28.2 employees was apprehended for theft from their employer.



Parking Lot

Cameras will help deter criminals from targeting your vehicle or those of your employees.

WHERE DO I PLACE THE CAMERAS AT MY HOME?

Camera Locations

Main level monitoring is essential as nearly 80% of residential intrusions occur through the first floor. Start by mounting near your doorways and windows and then continue to your back and side yards.



Garage

Having a camera mounted on the front of your garage is a highly visual deterrent that keeps criminals from getting access to a doorway or tools that may aid in a break-in.



Pool

Security systems not only protect your possessions, they can protect your family. Having cameras around your pool increases the overall safety of the area.



Driveway

Vehicle theft is not uncommon, and monitoring your driveway also allows you to see who approaches your home.



Shed

Your shed is often filled with valuable items—bicycles, a lawnmower, gardening tools etc. Backyard entries are extremely common, so create a noticeable security presence.

WHAT IS INCLUDED

- 15" LCD DVR with 320GB HDD
- 4 Indoor/Outdoor Night Vision Cameras
- PS/2 Mouse
- Remote Control for DVR
- Software CD
- 10ft RJ-45 Cable
- 4 x 60ft 4 PIN DIN to RCA (male) Power Cables
- 5 RCA to BNC Connectors
- 1-4 Port Power Supply for Cameras
- 8.5ft DC12V Power Adapter for DVR
- Quick Start Guide
- 4 Window Warning Stickers
- Instruction Manual
- 1 Year Warranty
- 24/7 Lifetime Live Customer Support

SPECIFICATIONS

LCD-DVR

System

OS	Embedded Linux 2.6
Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access
Certification	FCC, CE, LVDS, etc.

Video

Format	NTSC/EIA or PAL/CCIR
Input	4-CH, BNC, 1Vp-p/75ohm
Monitor	15"LCD
Output	BNC x 1, 1Vp-p/75ohm
Loss Detection	Yes
Motion Detection	Yes, with configurable detection area & sensitivity

Audio

Input	1 RCA-jack connectors, line-in level (100mV-2Vrms)
Output	1 RCA-jack connectors, line-out level (up to 2Vrms)

Record

Compression	Video: H.264 Audio: ADPCM
Frame Rate (IPS) & Resolution	NTSC – 30 / 720*480, 60 / 720*240, 120 / 360*240 PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288
Mode.....	Manual/Schedule/Alarm/Motion
Pre-Record Time.....	0 - 10 seconds
Post-Record Time	0 - 60 minutes

Display

Resolution	NTSC – 720*480, PAL – 720*576
Split Windows	1/4
Frame Rate.....	Up to 30 (NTSC) / 25 (PAL) IPS per display window
Freeze	Yes
Sequential Switch	User adjustment
Digital Zoom	X2, X4

Playback

Frame Rate (IPS) & Resolution	NTSC – 30 / 720*480, 60 / 720*240, 120 / 360*240 PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288
Search	Date/time, Camera, Alarm, Motion, & Video Loss
Operation.....	Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print
HDD.....	Half-size DVR - 1 set of 3.5" HDD, Max. 320GB of HDD storage size
Partitions	Configurable alarm partition size Configurable auto-overwrite
Backup.....	1 USB 2.0 ports for USB 2.0 disk drives

Alarm

Input	4 contact or TTL/CMOS signal, polarity selectable
Output	1 Normally Open, 1 Normally Closed relay output
Buzzer.....	Yes
Triggered by	Sensor input, Video loss, & Motion
Event Log	Yes

Network

Ethernet.....	1 RJ-45 10/100BaseT Ethernet connector
Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade
E-mail	Alarm notification to stationary or mobile devices
Video.....	1/4 split-window & Seq Mode
Audio	Bidirectional
Protocol.....	TCP/IP, HTTP, PPPoE, DHCP, DDNS, TSP
Remote Users.....	Up to 5 users simultaneously
Bandwidth	TCP/IP type dynamic sliding window control
Remote Stations.....	PC

Control

I/R.....	1 D-type female connector for PTZ 1 optional D-type female connector for PTZ
RS-232	2-pin for PTZ control
RS-485	1 D-type female connector for PTZ 1 optional D-type female connector for PTZ

Setup

Local	On screen setup via keypad, I/R remote controller and mouse
Remote	Setup & upload via Windows application software
Multi-lingual.....	English, Simplified Chinese, Portuguese, Italian, Russian, Turkish

Reliability

System recovery.....	Auto power on after power loss recovery
Timer	Built-in real time clock
Security.....	Multi-level password (3 levels, up to 18 accounts)

Power DC12V-5A, 18W Max.

Operating Temperature +32°F ~ +122°F

CMOS CAMERA

Image sensor	1/4" CMOS Color
Outdoor use	Yes
IP Rating	IP55
Resolution.....	400 TV Lines
Night Vision.....	Yes
Number of IR LEDs and Range....	11, up to 20ft
IR LED control.....	Auto
Min. Illumination	0 lux
Battery Operable.....	No
Viewing Angle.....	65 Degrees
Focal Length	6.0 mm
Focus Type	Fixed Focus
Connector	RCA
Sun Shield.....	yes
Housing Material.....	Metal
Electronic shutter speed.....	1/60 ~ 1/100,000 sec
Signal/Noise Ratio.....	>48dB
Operating Temperature	+14°F ~ +140°F
Camera Power Input.....	DC 12V 200mA
Dimensions	3"x 2" x 4.5" (with stand)
Weight	0.65 lbs (with stand)