

*For surveillance, stakeouts or any other remote controlled recording need.*

**Kit Includes:**

- Portable Video Controller *(shown with case open)*
- Monitor
- Passive Infrared Sensor
- Illuminator
- Color Low Lux Bullet Video Camera
- AC Power wall wart *(not shown)*
- Carrying Case *(shown on next page)*

**Portable Video Controller:**

All the necessary components to install a complete video surveillance system are managed by the Sentinel Portable Video Controller (PVC). The PVC includes a compact miniature Digital Video Recorder (DVR), wireless trigger receiver and power management. The controller is housed in a small compact Pelican case that is water proof and easy to conceal. It can be activated by a variety of Sentinel compatible wireless sensors or a hardwire contact closure.

**Video Controller Features:**

- Portable design is ideal for temporary or remote locations for surveillance, stakeouts or any other remote controlled recording need.
- Can be used with a multitude of cameras, IR illuminators and power sources.
- Operates off of 8 internal AA batteries which will last about 3 or 4 days depending on recording time. Also it will operate off of an external power source such as a large battery or AC powered wall wart.
- The DVR has over an hour of record time at maximum resolution. It records onto an SD card which can be removed to be read on a computer or can go directly from the DVR to the monitor.
- The wireless receiver has a potential range of over 500 feet depending on environmental conditions.

**Controls:**

Not including the DVR controls, which are discussed in the DVR manual, the Video controller has four control functions, two momentary switch buttons, one three position slide switch and a run time control potentiometer.

The PROGRAM button is used to program the wireless sensors to the built-in wireless receiver. The MANUAL START button is used to manually activate the controller during setup.

The slide switch is used to turn on the video controller from either of two different sources of power. In the INT position, the video controller is getting its power from the internal batteries. In the EXT position the video controller is getting its power from an external source, such as a larger battery or wall wart power source. The center position is the OFF position.

The RT MINUTES potentiometer determines the amount of time the DVR is powered on. It can be set for 1 to 60 minutes or in setup, it can be set to run from about 5 seconds to 60 seconds by removing the Secs jumper.

**Indicators:**

There are two LED indicators on the video control board. One is the SIGNAL indicator from the wireless receiver. It also is used to indicate program status while programming wireless sensors to the receiver. How these features are used are described in the wireless receiver programming. The RUNNING LED indicates when the video controller is powering up the DVR.

## SPECIFICATIONS (preliminary):

### Video Controller:

Enclosure size: 8" x 5" x 3.75" Pelican waterproof case

Power source: Internal 8 AA batteries; External AC wall wart or rechargeable battery

Interfaces: accessory power output, external power input, receiver antenna, DVR video and audio inputs and outputs  
Typical operating time from internal batteries, 30 minutes record time, 3 - 4 days; external power recording time unlimited  
Operating temp.: -10°C to 50°C

### Digital Video Recorder (DVR):

NTSC/PAL compatible video, low, medium, high resolutions, minimum of 75 minutes record time per GByte.

Storage Media SD card, audio sampling 44.1 khz monoral (see DVR user manual for complete specifications)

### Video Camera:

NTSC/PAL compatible, 1/3" Sony Super HAD CCD. Low Lux sensitivity .05, Operating voltage 12V +/- 10%

Power Consumption: 65 mA or less

### Video Monitor:

Enclosure size: 6.25" x 5.25" x 1.25", screen size 4.5" x 3.375" LCD color,

Dual video and audio inputs

### Illuminator:

30 Foot Range IR Illuminator, 120° field of view

Auto activation turns the unit on and off as needed

### Sensors:

The Video Controller is compatible with all Sentinel Portable Radio Alarm sensors

Included in the kit is the Passive Infrared Sensor

### Carrying Case:

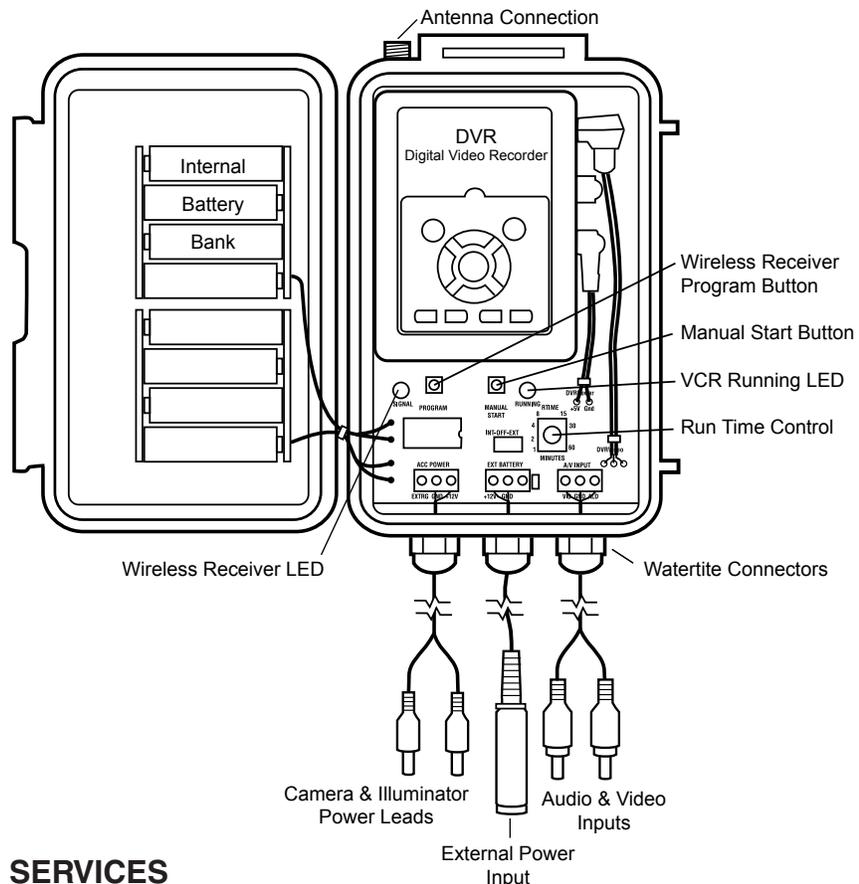
Pelican - Watertight, crushproof, and dust proof

Outside Dimensions: 18-1/2"L x 15-1/4"W x 6-7/8"D; Inside Dimensions: 17"L x 11-3/4"W x 6"D



Video Kit in Carrying Case

Video Controller Diagram



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