IMPORTANT:
Please read and follow these instructions before using the product.

VIDEO SECURITY CAMERA AND DECODER

SecureView™

Installation and Operating Instructions

WARNING:

To reduce the risk of electrical shock, do not open the device or remove its cover. This is a factory sealed unit. No user-serviceable parts are inside. Refer servicing to qualified service person.

- Do not work alone under hazardous conditions.
- Check that all power cords, plugs, and sockets are in good condition.
- To reduce the risk of electric shock when grounding cannot be verified, disconnect the equipment from the AC power source before installing or connecting to other equipment.
- All sockets and receptacles should be properly grounded and connected to appropriate branch circuit or mains protection [fuse or circuit breaker].
- Do not attempt to operate the product if:
  - o the plug or supply contacts are damaged
  - o The case or housing is cracked, ruptured, or damaged by tampering
  - o The product has been submerged in water
  - o The product fails to operate normally when following these written instructions

Do not attempt to repair this product. Contact your dealer or the manufacturer for servicing.

HOW IT WORKS

SecureView is unique! The "camera in a light bulb" simply screws in to any light socket. Inside the "bulb" is a sophisticated low-light monochrome camera, coupled to our exclusive IRFS(tm) patented circuitry. The video signal is "encoded" by this circuit and fed directly to the 110-volt power line.

Each camera has a companion "decoder" which plugs into any wall outlet. A standard video output connects the decoder to any TV or VCR.

Once the decoder is plugged in and connected, live video is delivered to the TV or VCR. It's simple and easy. There are no wires to run, no holes to drill, and no antennas or complicated "tuning" is required.

Does the "bulb" light up? No. SecureView is a sensitive, low-light camera system, needing very little light to function. The camera is 100% solid-state components. There are no filaments to light up or burn out.

If I Want to Watch in More than One Room? Simply add extra decoders to the system.

What Channel Does It Play On? SecureView doesn't "broadcast" on any channel. It uses "line level" composite video, which plugs into your TV or VCR at the "Line In," "Video In," "Aux," or "A/V" connection.

Can I Record the Picture? Of course. SecureView is fully compatible with any device using standard RCA connections. You can plug the video feed direct to your VCR, and record instantly.

Is SecureView Internet Compatible? Yes! Any PC equipped with an "analog video capture" device can accept live video feeds from SecureView, and send them over the Internet. The type and quality of your Internet transmission is determined by your computer's hardware and software, and the speed of your online hookup.

INSTALLATION

INSTALLING THE SECUREVIEW "LIGHT BULB" CAMERA:

The SecureView video security camera is designed to look exactly like a standard PAR-38 outdoor floodlight, and will fit in most fixtures designed to accept the PAR-38 style lamp.

1. Disconnect power to the circuit.
2. Remove the existing flood lamp.
3. Screw in the SecureView Camera until the ratchet clicks.
4. Install the decoder and connect it to a TV (see "Installing the SecureView Decoder")
5. Reconnect power to the circuit.

6. Turn camera clockwise on the ratchet until the picture is "right side up." (NOTE: Camera rotates only in a CLOCKWISE direction. Turning the camera counter-clockwise will remove it from the socket.) If your fixture is adjustable, tilt and rotate the housing to obtain desired viewing angle. Repeat Step "6" if necessary.

The SecureView video security camera can also be placed in pole lamps, standard porcelain lamp sockets, ceiling fan lamp sockets, and so forth. Use of SecureView in table lamps or floor lamps where the bulb points upward, will produce unsatisfactory results and is not recommended.

INSTALLING THE SECUREVIEW DECODER:

The SecureView Decoder looks like a plug-in transformer. However, it is actually a sensitive IRFS™ receiver, which allows you to view SecureView video on any standard television or video recorder.

1. Locate the RCA "video out" jack on the bottom of the decoder.
2. Connect a standard video cable to the decoder.
3. Connect the other end of the video cable to the video Line Input jack of your TV or video recorder.

4. Plug the decoder into a wall outlet.
5. Turn on the TV and select the Line Input ("Line" "Aux" or "A/V") on your TV or recorder and view the picture from the SecureView Camera. (See the Instructions provided with your TV set.)

TROUBLESHOOTING TIPS:

No Picture on TV(Black screen or blue screen):

- Decoder not plugged in. Plug decoder into wall outlet.
- Video cable not plugged in or loose. Check video cable connection to decoder and TV.
- Video input not selected on TV. Consult TV instruction manual.

Blank screen or snow on TV, no picture from Camera:

- Video input not selected on TV. Select correct video input.
- Camera is not getting power. Make sure fixture is getting power.

Picture is tilted or upside down:

Rotate camera several clicks and check the picture. Repeat until picture is correct.
If the fixture is adjustable, use the adjustments to set the correct view.

In early morning or late afternoon, the sun may shine directly into the camera. This will not damage the camera, but will cause a poor quality picture for an hour or two. Relocating the camera can reduce this effect. There may be a strong back-light during daylight hours, causing poor contrast between light and shadow. Change the camera position to avoid these conditions and the picture will improve. In total darkness, some areas may not reflect infra-red light from the camera. If night picture is too dark, turn on a light near the area you wish to view.

IRFS AND YOUR ELECTRICAL WIRING:

SecureView IRFS technology is easy to use and reliable. However, since IRFS depends on the electrical system in your building, you need to be aware of factors which may cause erratic or degraded performance.

Dimmer switches and other solid-state lighting controls: Some types of dimmer switches and lighting controls can cause poor performance when used with a SecureView camera. Avoid light sockets or outlets wired to these controls. Select a light socket which is always "on," or a circuit controlled by a standard "on-off" wall switch.

Extension cords and power strips: The SecureView IRFS receiver/decoder is designed to connect directly with a wall outlet. Avoid using extension cords and power strips when plugging in the decoder. If necessary, use a longer video cable to connect the decoder to your TV or VCR.

Loose or corroded connections in the power circuit: House wiring is connected to outlets and sockets using a variety of connectors. These may become loose or corroded with usage and time, causing a weak physical connection and poor IRFS performance. Floodlight sockets, especially outdoors, may have loose, deformed, or corroded contacts which can degrade the camera video, or block it entirely.

Multi-panel buildings: SecureView is designed to operate within the branch circuits connected to a single service panel (fuse box or breaker box). If the building contains more than one service panel, SecureView will not operate properly when connected to circuits on different panels.

Wiring faults: If you have problems with tripping circuit breakers, GFCI outlet interrupts, flickering lights, or non-operating outlets or sockets, your building may have wiring faults which will cause SecureView to malfunction. This is a potentially dangerous condition, and should be investigated immediately by a qualified electrician.

Computer equipment: Do not plug the decoder into the same outlet with computer equipment, or picture interference may occur. Use a different outlet, or connect an EMI surge suppressor to the power cord of the computer device. Do not connect the SecureView decoder to the EMI surge suppressor.

PRODUCT SPECIFICATIONS:

(Performance)	
Power Line Configuration	Single phase 120VAC, 60 Hz
Camera	CCD with digital signal processor, monochrome, zero lux with infrared-enhanced night vision. Field of View: 85 degree wide angle
Transmitter Input Signal	NTSC composite baseband, 1v P-P, 75 ohms
Receiver Output Signal	NTSC composite baseband, 1v P-P, 75 ohms, RCA connector
Transmission System	Patented IRFS Powerline Carrier

(Environmental)	
Temperature	-40 to +55 degrees Centígrade
Case Material	ABS, UL 94 rated
Power Requirements	120VAC, 60Hz; Camera/Transmitter 6w; Receiver 5w

(Dimensions)	
Transmitter	Standard PAR-38 lamp housing, weight 12 oz.
Receiver	2.5 x 3.75 x 2, wall plug mount, weight 13 oz.
Warranty	90 days against defects in material or manufacture

FCC STATEMENT:

(Camera) This carrier current device has been tested for compliance with FCC Regulations (Section 15, Part C). (Receiver) This receiver complies with FCC Regulations regarding the acceptance of harmful interference.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY SEAVIEW VIDEO TECHNOLOGY INC. COULD VOID YOUR AUTHORITY TO OPERATE THIS EQUIPMENT.

NOTICE

THIS PRODUCT IS MANUFACTURED FOR USE ONLY WITH SINGLE PHASE POWER MAINS OPERATING AT 115-125 VAC, 60HZ, AND FOR INTERFACING WITH TELEVISION SYSTEMS MANUFACTURED TO THE NORTH AMERICAN NTSC STANDARD.

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