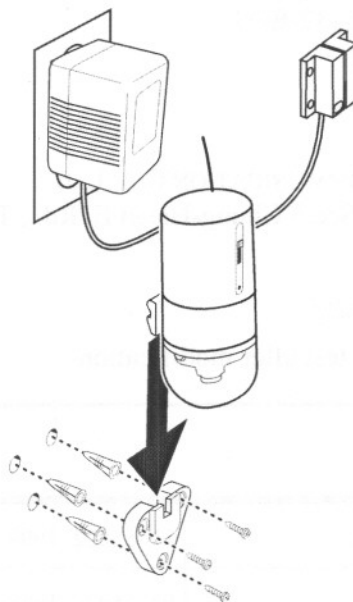




MOUNTING OPTIONS



7. For soft materials such as wood skip to step 9.
For concrete, brick, or stone surfaces, drill holes 23 mm deep with a 6-mm bit.
8. Put the wall plugs into the holes.
9. Screw the mounting bracket to the wall.
10. Slide the mounting ring into the mounting bracket until it clicks into place.

To remove the wall mount:

1. Remove the dome cover and take the camera out of the mounting ring.
2. To remove the mounting ring, press the catch on the wall bracket with a flat-tipped screwdriver and push the mounting ring upward.
3. Remove the three screws to remove the wall mount.



2—SETTING UP

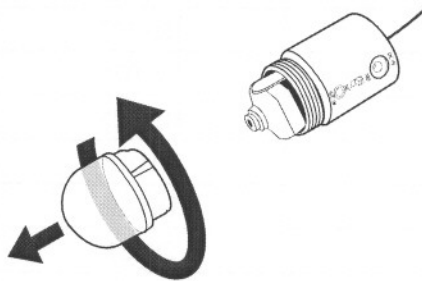
Hidden installation

The camera can be concealed in a variety of locations such as behind a thin partition or inside a suitcase.

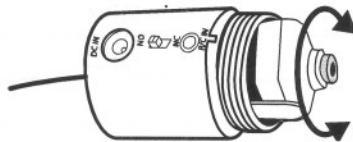
Note: Drill a 6.3mm diameter hole in the surface you want to mount the camera behind. To prevent the camera view from being obscured, the surface that the camera is behind must not exceed 3 mm in thickness.

The focus on the camera is factory adjusted to allow for viewing through the dome cover. When used without the dome cover, you must readjust the focus accordingly. Refer to the following to mount the camera in a hidden location.

1. Remove the dome cover.



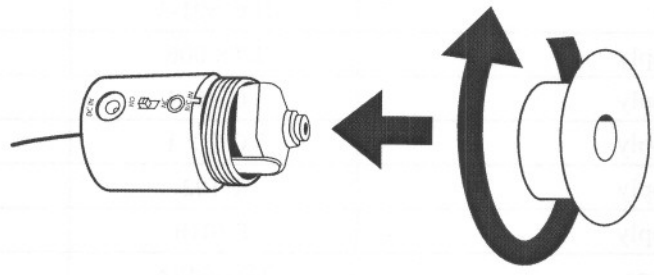
2. Adjust the focus by turning the lens.



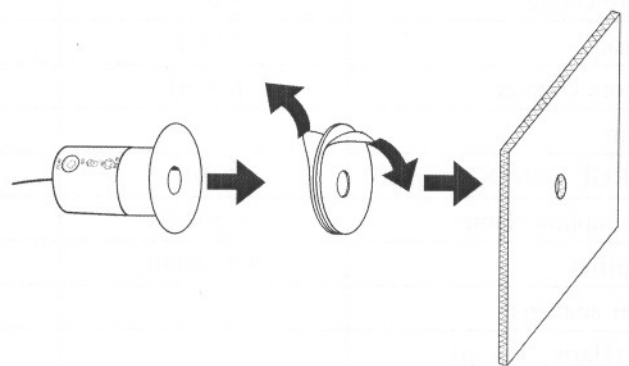
3. Screw the hidden mount onto the camera.



MOUNTING OPTIONS



- 4. Remove the backing paper from one side of the adhesive pad.



- 5. Align the holes and press the adhesive pad onto the mounting ring.
- 6. Remove the backing paper from the other side of the adhesive pad.
- 7. Align the holes and press the camera to the surface.

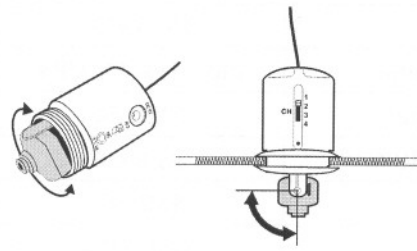


2—SETTING UP

Adjusting the camera angle

The camera can only be tilted in one direction 90 degrees and rotated 360 degrees. Adjust the camera gently. If it does not move easily, move it in the other direction.

Note: The focus on the camera is factory adjusted to allow for viewing through the dome cover. Only adjust the focus when using the camera without the dome cover.





No.	Title of document	Page	Manufacturer
ETS 0114	ET-1000 manual	1-1	Kodak & Sonnet
ETS 0115	Guide book	1-2	Kodak & Sonnet
ETS 0116	ET-1000 manual	1-3	Kodak & Sonnet
ETS 0117	Hardware manual	1-4	Kodak & Sonnet
ETS 0118	Manual	1-5	Avon
ETS 0119	Manual	1-6	Avon
ETS 0120	ET-1000 manual	1-7	Kodak & Sonnet
ETS 0121	Hardware manual	1-8	Kodak & Sonnet
ETS 0122	Hardware manual	1-9	Kodak & Sonnet
ETS 0123	ET-1000 manual	1-10	Kodak & Sonnet
ETS 0124	ET-1000 manual	1-11	Kodak & Sonnet
ETS 0125	Hardware manual	1-12	Kodak & Sonnet
ETS 0126	Hardware manual	1-13	Kodak & Sonnet
ETS 0127	Hardware manual	1-14	Kodak & Sonnet
ETS 0128	Hardware manual	1-15	Kodak & Sonnet
ETS 0129	Hardware manual	1-16	Kodak & Sonnet
ETS 0130	Hardware manual	1-17	Kodak & Sonnet
ETS 0131	Hardware manual	1-18	Kodak & Sonnet
ETS 0132	Hardware manual	1-19	Kodak & Sonnet
ETS 0133	Hardware manual	1-20	Kodak & Sonnet
ETS 0134	Hardware manual	1-21	Kodak & Sonnet
ETS 0135	Hardware manual	1-22	Kodak & Sonnet
ETS 0136	Hardware manual	1-23	Kodak & Sonnet
ETS 0137	Hardware manual	1-24	Kodak & Sonnet
ETS 0138	Hardware manual	1-25	Kodak & Sonnet
ETS 0139	Hardware manual	1-26	Kodak & Sonnet
ETS 0140	Hardware manual	1-27	Kodak & Sonnet
ETS 0141	Hardware manual	1-28	Kodak & Sonnet
ETS 0142	Hardware manual	1-29	Kodak & Sonnet
ETS 0143	Hardware manual	1-30	Kodak & Sonnet
ETS 0144	Hardware manual	1-31	Kodak & Sonnet
ETS 0145	Hardware manual	1-32	Kodak & Sonnet
ETS 0146	Hardware manual	1-33	Kodak & Sonnet
ETS 0147	Hardware manual	1-34	Kodak & Sonnet
ETS 0148	Hardware manual	1-35	Kodak & Sonnet
ETS 0149	Hardware manual	1-36	Kodak & Sonnet
ETS 0150	Hardware manual	1-37	Kodak & Sonnet
ETS 0151	Hardware manual	1-38	Kodak & Sonnet
ETS 0152	Hardware manual	1-39	Kodak & Sonnet

3—Operation

The chapter describes the operation of the remote camera.

Operating restrictions

- Only use 9V batteries with the adapter.
- Avoid using the camera in humid locations. If condensation occurs, allow the camera to dry before operating.
- Do not use in temperatures below -10 degrees Celsius or above 55 degrees Celsius.
- Proximity to microwave ovens can cause interference and reduce the quality of the audio and video signals.
- Using two cameras in the same vicinity may result in sound and picture interference.

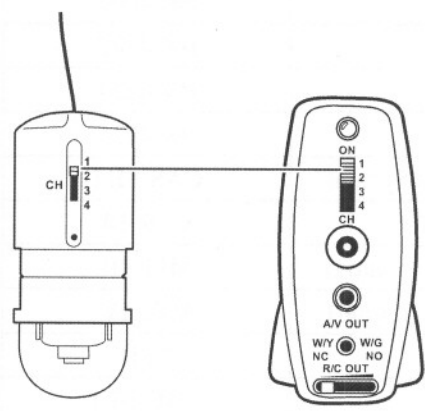


3—OPERATION

Matching channels

A camera and receiver together form a camera/receiver pair. Set a paired camera and receiver to the same channel. If you are using two or more camera/receiver pairs be sure that each pair is set to different channels or there will be interference.

Up to four cameras can be used with one receiver. Each camera must be set to a different channel. Video from each camera can then be viewed in turn by changing the channel on the receiver.



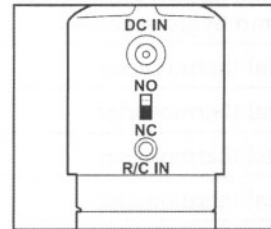
Standard always-on operation

Standard operation allows continuous audio and video signals from the camera to the receiver. The video is monitored on a screen but not recorded. Audio is monitored through the AV device that is connected to the receiver. (Or through the receiver speaker when the audio terminator is used.)

REED SWITCH OPERATION

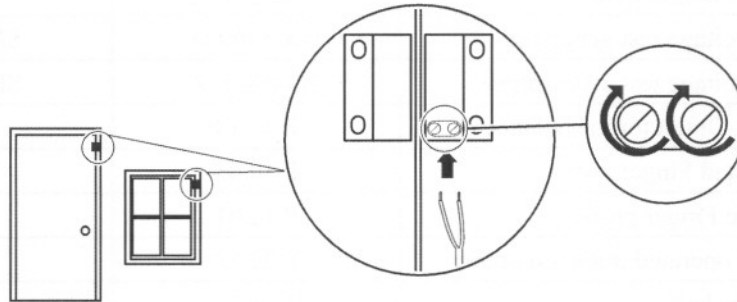
Reed switch operation

A reed switch is a magnetically activated switch. The reed switch can be used with the sensor cable for detecting entry through doors and windows. The sensor cable plugs into the reed switch and the **R/C IN** connector on the camera. The **NO NC** switch stands for **Normal Open/Normal Closed** and refers to the status of the sensor.



Note: The sensor cable can be attached to other triggers as required.

Reed switch installation



Insert the sensor cable wires into the reed switch and secure them by tightening the screws.

Set to NO (Normal Open)

Set the **NO NC** switch to **NO** and set up the reed switch on a window. When the window is closed the alarm sounds on the receiver.

Set to NC (Normal Closed)

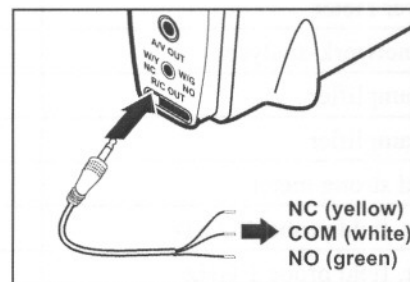
Set the **NO NC** switch to **NC** and set up the reed switch on a window. When the window is opened the alarm sounds on the receiver.

3—OPERATION

R/C cable operation

The R/C cable is a relay connecting cable, which allows recording of audio and video to be triggered by an alarm such as the supplied reed switch. This function saves recording space as recording only begins after an event such as a door opening or closing.

The R/C cable is connected to the receiver and to a video recorder. When the reed switch is triggered at the camera location, the R/C cable then triggers the video recorder to begin recording. (For connecting the R/C cable to a video recorder, see the recorder's user manual.)

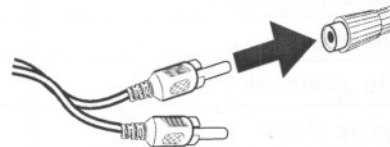


Note: An external alarm (not supplied) can be used.

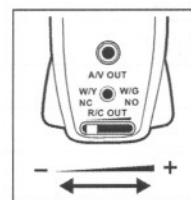
Switching audio output

The audio terminator forces audio from the microphone and alarm to the receiver speaker. The volume control on the receiver only affects the volume on the receiver and not a connected TV or other video device.

Plug the red audio RCA jack from the AV cable into the audio terminator.



Adjust the volume accordingly.





Appendix

This appendix describes cleaning and troubleshooting procedures. Also covered are technical specifications, FCC compliance, and warranty information.

Cleaning

The lens can be wiped with a soft optical cleaning cloth. The dome cover can be cleaned with glass cleaner.

Troubleshooting

There is no picture on the screen.	<ol style="list-style-type: none">1. Make sure power cables are plugged in properly and that the outlets have power.2. Ensure the battery on the camera is fresh.3. Make sure that the receiver is plugged in.4. Check that the AV cables are properly connected.5. If using a television, make sure that the correct video channel is selected.6. Make sure that the camera and the receiver are on the same frequency channel.7. Ensure that the receiver is within the transmitting range of 300 meters (in L-O-S).
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APPENDIX

The picture quality is poor.	<ol style="list-style-type: none">1. Ensure the battery on the camera is fresh.2. Make sure that nothing is obstructing the camera.3. Don't use the camera near a microwave oven.4. Make sure there is sufficient light.5. Don't use more than one camera in the same vicinity.
There is a picture but no sound.	<ol style="list-style-type: none">1. Check the volume on the receiver and the audio device.2. Ensure the battery on the camera is fresh.3. Check that the audio cable is properly plugged in to the receiver and the audio device.4. Check that the audio terminator (if used) is securely plugged in.
There is sound but no picture.	<ol style="list-style-type: none">1. Ensure the battery on the camera is fresh.2. Check that the video cable is properly connected to the receiver and the monitor.3. Check the brightness on the display.
The alarm does not turn off or on.	<ol style="list-style-type: none">1. Make certain the sensor cable is plugged in and that the connection to the sensor is secure.2. Check to see the NC NO switch is in the intended position.3. If using the reed switch, make sure the contacts are close enough for the switch to operate properly4. If using a different sensor, follow the manufacturer's troubleshooting steps.
Lines appear on the screen.	Make sure there is no microwave operating nearby.
The picture is ghosting.	Relocate the receiver to avoid obstacles such as trees or buildings.
The R/C cable does not initiate recording.	<ol style="list-style-type: none">1. Make certain the R/C cable is plugged in and that the connection to the sensor is secure.2. Check to see the NC NO switch is in the intended position.



TECHNICAL SPECIFICATIONS

Technical Specifications

Camera

Video input format:	NTSC or PAL available
Frequency:	2.4 ~ 2.4835 GHz
Channel:	4 selectable channels
Pixel array:	NTSC: 510H x 492V, PAL: 628H x 582V
RF output power:	FCC, EC-R&TTE compliant
Antenna:	Omni-directional antenna
A/V mod/demod. method:	FM
Power supply:	DC 6V ~ 9V 300mA
Current consumption:	<=100 mA
Lens:	5.6mm fixed f2.0 board (view angel 60 degrees)
Microphone:	Built-in highly sensitive microphone
Dimensions:	30 (diameter) x 70 mm (1.25 x 2.75 inches)
Weight:	45g
Operating temperature:	- 10°C ~ 55°C
Auto electronic exposure time:	PAL: 1/50s - 6.3us
Minimum illumination:	< 2 lux@f1.2
S/N ratio:	> 48 db
FPN:	< 0.03% Vpp
White balance:	Auto tracing
Transmitter output power:	1 mW, 10 mW

Receiver

Frequency:	2.4 ~ 2.4835 GHz
Channel:	4 selectable channels
Antennas:	Built-in directional antenna
A/V mod/demod. method:	FM
Video output:	1Vp-p/75 ohm



APPENDIX

Audio output:	0.8V/600 ohm
Audio bandwidth:	50 – 17000 Hz
Power supply:	DC 6V ~ 7.5V 300mA
Current consumption:	<=200mA
Dimensions (LxWxH):	119 x 41 x 74 mm (4.75 x 1.61 x 3 inches)
Weight:	102g
Operating temperature:	- 10°C ~ 55°C
A/V output RCA jack:	Video: yellow jack Audio: red jack
Remote control output:	Relay
Relay output connect rating	2A 24VDC
Remote control wires indication:	White wire – common connecting Yellow wire – N/C connecting Green wire – N/O connecting

Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more off the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Manufacturer	Model	Test equipment	No.
Agilent	8730	Agilent 8730	E12-0411
Agilent	8730	Agilent 8730	E12-0412
Agilent	8730	Agilent 8730	E12-0413
Agilent	8730	Agilent 8730	E12-0414
Agilent	8730	Agilent 8730	E12-0415
Agilent	8730	Agilent 8730	E12-0416
Agilent	8730	Agilent 8730	E12-0417
Agilent	8730	Agilent 8730	E12-0418
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Agilent	8730	Agilent 8730	E12-0498
Agilent	8730	Agilent 8730	E12-0499
Agilent	8730	Agilent 8730	E12-0500

WARRANTY

- Unauthorized changes or modifications of this device could void the user's authority to operate the equipment.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warranty

The warrant is for one year from the date of purchase. Please retain the sales receipt as proof of purchase. During the one-year warranty period, the product is eligible for replacement in case of defects in material and workmanship. In such cases, the defective unit will be repaired or replaced by the manufacturer or an authorized distributor. However, this warranty does not cover damages caused by improper use or from unauthorized modifications by third parties. In addition, this warranty does not cover expendable materials and defects, which constitute as normal wear and tear.