

Help Desk / Support Details

Swann Technical Support
All Countries E-mail: tech@swann.com.au
Telephone Helpdesk
UNITED STATES toll free
877-274-3695
(Sun-Thurs, 2pm-10.30pm PST)
800-627-2799
(Mon-Fri, 9am-1pm PST)
USA Exchange & Repairs
562-777-2551
(Mon-Fri, 9am-5pm PST)
AUSTRALIA toll free
1300 13 8324
(Mon-Fri, 9am-5.30pm Aus EST)
International
+61 3 8412 4610
(Mon-Fri, 9am-5.30pm Aus EST)

See <http://www.worldtimeserver.com> for information on different time zones and the time in Melbourne Australia compared to your local time.

Warranty Information

Swann Communications warrants this product against defects in workmanship and material for a period of one (1) year from its original purchase date. You must present your receipt as proof of date of purchase for warranty validation. Any unit which proves defective during the stated period will be repaired without charge for parts or labour or replaced at the sole discretion of Swann. The repair or replacement will be warranted for either ninety days or the remainder of the original one year warranty period, whichever is longer. The end user is responsible for all freight charges incurred to send the product to Swann's repair centres. The end user is responsible for all shipping costs incurred when shipping from and to any country other than the country of origin. The warranty does not cover any incidental, accidental or consequential damages arising from the use of or the inability to use this product. Any costs associated with the fitting or removal of this product by a tradesman or other person or any other costs associated with its use are the responsibility of the end user. This warranty applies to the original purchaser of the product only and is not transferrable to any third party.

Unauthorised end user or third party modifications to any component or evidence of misuse or abuse of the device will render all warranties void.



English

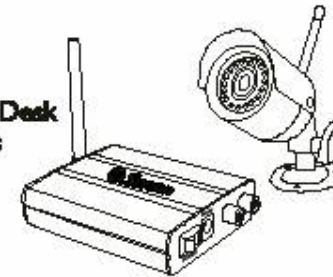
Wireless OutdoorCam

Color OutdoorCam & Receiver

Quality Surveillance with Night Vision &
Audio for your home or business



Swann Help Desk
Has the answers



If this device does not work when you first plug it in, do not take it back to the store.

- ✓ Contact the Swann Helpdesk using our fast e-mail service tech@swann.com.au or call us on one of the Toll-Free numbers shown on the back cover of this booklet.
- ✓ Most problems can be quickly and easily fixed with a simple e-mail or a quick chat with one of our friendly technical staff. (Toll-Free available in the US and Australia only)

FCC WARNING STATEMENT

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Installation Guide

Unauthorized end user or third party modifications to any component or evidence of misuse or abuse of the device will render all warranties void.



www.swannsecurity.com

Introduction

The Swann Wireless Outdoor Cam incorporates the latest in advanced technology. We feel confident that you will be pleased with the quality and features of this product.

The Swann Wireless Outdoor Cam allows you to transmit pictures and sound with ease. As the radio waves it uses have a frequency of 2.4GHz, they can be received within a radius of up to 165ft/50 m in open line of sight. The receiver works with other Swann cameras to allow you to have the option of using different frequencies for different locations and conditions to ensure that you have the best possible image quality for your situation.

Please note: The Swann Wireless Outdoor Cam broadcasts both video and audio in the public domain. The video signal is not encrypted and could potentially be viewed by anyone with a similar 2.4GHz receiver unit. Please keep this in mind when positioning and using any wireless camera equipment.

This Package Comes With ...

1. Wireless Outdoor Camera
2. 4 channel 2.4GHz Receiver
3. 2 x Mains Power Adaptor for Camera & Receiver (design varies depending on country)
4. A/V Signal Cable
5. This Instruction Sheet

If any of these items are missing, please contact your retailer.

Installation Guide

Technical Specifications

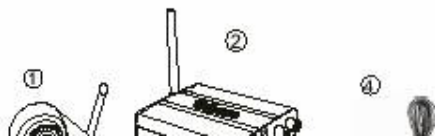
Wireless Outdoor Camera

Sensor:	1/3"(8.5mm) Colour CMOS
Horizontal Resolution:	380 TV lines
Auto Electronic Exposure:	1/60 - 1/15000 sec.
Minimum Illumination:	1.5 Lux @ f1.2 LEDs inactive 0 Lux @ f1.2 LEDs active
Signal to Noise Ratio:	>48dB
Board Lens:	$\frac{7}{32}$ " ~ 5.6mm
View Angle:	60 degrees
Size:	$\frac{5}{8}$ x $\frac{23}{32}$ " ~ 16mm x 18mm, board lens
Video System:	PAL 50Hz (Australia, UK/Europe), NTSC 60Hz (USA and Canada)
Automatic Exposure / Gain / White balance/IR LED activation	

Available Channels:	4 Channels in 2.4Ghz frequency band*
RF Output Power:	FCC, CE and C-tick compliant
Operating Power:	8V DC
Power Consumption:	100mA
Size:	$\frac{7}{8}$ " x $\frac{7}{8}$ " x 1" (22x22x25mm)
Antenna:	Omni-directional
Transmitting Range:	Up to 165ft ~ 50m line of sight
Weight:	$\frac{3}{4}$ oz ~ 20 grams
Operating Temperature:	0° - 50°C (32° - 122°F)

Receiver

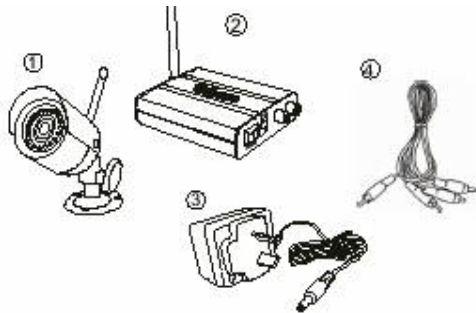
Frequency:	4 Channels in 2.4 Ghz frequency band*
Video input/output:	1V p - p / 75 ohm
Audio input / output:	0.8V / 600 ohm
Antenna:	60 degree directional
Audio Bandwidth:	50 - 17000 Hz
Operating Power:	8V-12V DC



WARNING: IMPORTANT NOTICE ABOUT CORRECT USE OF POWER ADAPTER

The correct orientation for the enclosed power adapter is in a vertical or floor mount position.

L'orientation correcte pour l'adaptateur secteur est en position verticale ou à monter au sol.



The correct orientation for the enclosed power adapter is in a vertical or floor mount position.

L'orientation correcte pour l'adaptateur secteur fourni est dans une position verticale ou plancher-monté.

La orientación correcta para el adaptador eléctrico incluido es en posición vertical o instalado en el suelo.

Troubleshooting your Wireless Outdoor Cam

Poor Picture: Realign antennas until image quality improves, slightly adjust the position of the camera or receiver. Change the location of the camera, or use a camera in the location experiencing interference that is on a different channel. In some cases interference may be caused by another device on a similar frequency to the channel you are using. Change to one of the other channels and check the signal quality again.

Lines only - no clear picture: Check to confirm there is no microwave oven or other 2.4GHz equipment operating close by ie; Cordless Telephones, Wireless Baby Monitors, Wireless LAN equipment etc. Make sure the receiver is on the correct channel for the particular camera.

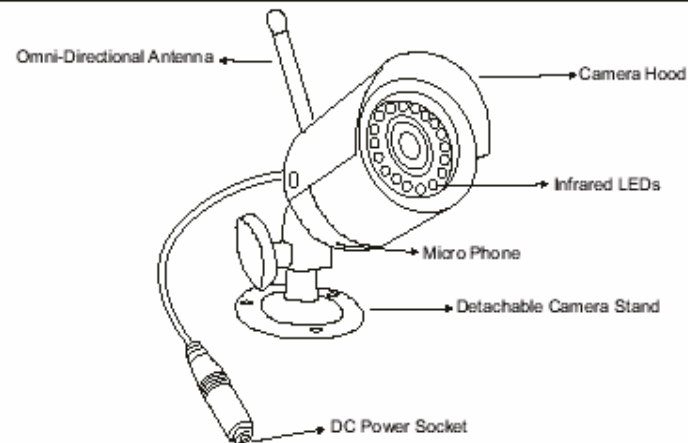
Picture ghosting or interference: Some home appliances such as Wireless LANs, 2.4GHz portable telephones and Microwave ovens operate on or near the 2.4GHz frequency. If you receive interference from such an appliance, try moving the camera or receiver to location further away from the appliance or in the event of interference from a Wireless LAN device, try changing the Wireless LAN to a different channel to improve the signal quality.

No picture: check the receiver to confirm it is turned ON and make sure the A/V connection of the receiver is not plugged into the Audio-Out socket. Make sure the receiver is on the correct channel. Check to ensure the camera is plugged in and has power (cup your hands around the camera and you should see a faint red glow from the IR LEDs). Check that the channel on the receiver is set to the same as the camera you wish to view.

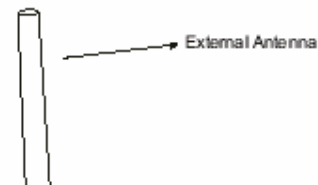
Video input/output: 1V p - p / 75 ohm
 Audio input / output: 0.8V / 600 ohm
 Antenna: 60 degree directional
 Audio Bandwidth: 50 - 17000 Hz
 Operating Power: 8V-12V DC
 Power Consumption: 180mA
 Size: 6"x3½"x1½," (150 x 88 x 40mm)

*The Wireless Outdoor Cam uses one of the following frequencies for the 4 channels:
 Channel 1 (2414MHz), Channel 2 (2432MHz), Channel 3 (2450MHz) and Channel 4 (2468MHz).

Camera Features



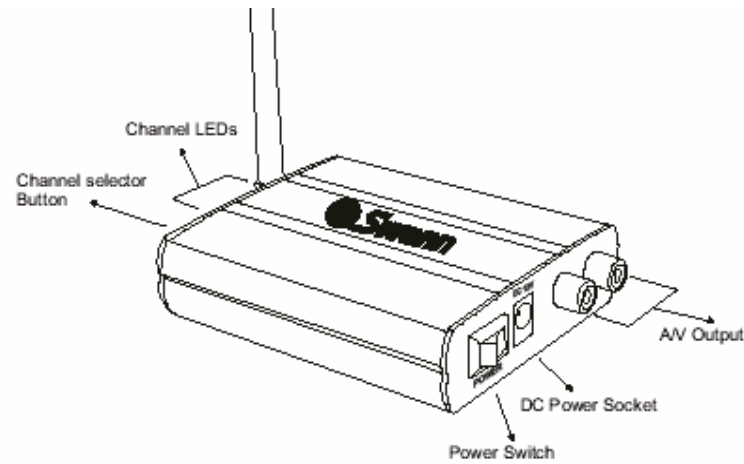
Receiver Features



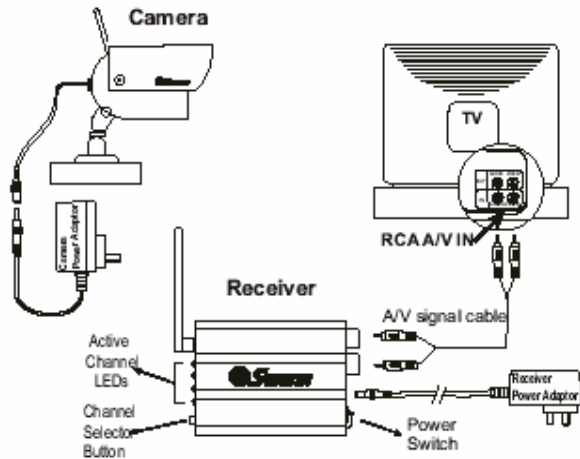
the receiver is on the correct channel. Check to ensure the camera is plugged in and has power (cup your hands around the camera and you should see a faint red glow from the IR LEDs). Check that the channel on the receiver is set to the same as the camera you wish to view.

NOTE:

All jurisdictions have specific laws and regulations relating to the use of cameras. Before using any camera for any purpose, it is the buyer's responsibility to be aware of all applicable laws and regulations that prohibit or limit the use of cameras and to comply with the applicable laws and regulations. The legality of watching people other than yourself changes from country to country and even state to state. Contact your local government's privacy information body or your local Police for more information on what if any restrictions you may face.



Setting Up Your System



The camera features an omni-directional antenna which is most effective when use in the UPRIGHT position.

- 1) Connect both the camera and the receiver to their respective power adaptors.

Tips for locating your camera

You should position your cameras to cover the areas most exposed to risk. See our suggestions below for some ideas:




1. Doorways 2. Windows 3. Car Parks 4. Verandahs



5. Reception 6. Cash 7. Mix



The camera features an omni-directional antenna which is most effective when use in the UPRIGHT position.

- 1) Connect both the camera and the receiver to their respective power adaptors.
- 2) Connect the receiver to the equipment you wish to view the camera on (monitor, AV TV, VCR, DVR etc) using the supplied A/V signal cable.
- 3) If you have an A/V TV with RCA sockets you will need to switch the TV to the AV channel to view the camera.
To view the camera connected to your VCR, you will need to select the AV input you have connected the camera to on the VCR, turn your TV onto the channel you would normally use to view a tape or movie on your VCR. This channel may be activated by a button on your remote that is marked with this symbol , or L1 or L2 or possibly AV1 or AV2. Please read the instructions for your VCR or TV for more information on using their A/V inputs.
- 3) After connecting both the camera and the receiver make sure the receiver is switched on and switched to the same channel as the camera. Press the **Channel Selector Button** on the receiver until the video is shown on your TV correctly. Obtain the best picture by adjusting the position of the Wireless Outdoor Cam and Receiver unit to suit. Try slightly different locations of either unit for optimum results.
- 4) If you are mounting the camera to a ceiling, unscrew the camera stand from the camera body and carefully fix it into position required, then screw the camera body back on to the stand.



5. Reception areas



6. Cash register



7. Mix dummies & real cameras

Important Information About This Product

- Best Results are achieved where there is a clear "line of sight" between the Camera/Transmitter and Receiver.
- Interference from certain electronic equipment or the moving human body can also affect the range obtainable.
- Please test all devices before final installation because transmission quality can often be improved by moving the components slightly.
- To avoid the risk of damage to the unit, use only the supplied power adaptors.
- Beware of humid locations. Water droplets or spray may damage the receiver unit. If condensation does occur, do not use the equipment until it has dried out.
- Do not cut the DC power cable of the camera to fit with another power source. This may result in damage to the camera & any unauthorised modifications will void your warranty.

IMPORTANT: Due to the power consumption requirements of this product, we highly recommend the use of a 9 volt battery only for short term portable use.

Warning:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.

Any change to the equipment will void FCC grant.

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 the equipment off and on, the user is encouraged to try to correct the interference by one or more of 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.

The equipment complies with FCC radiation exposure limit set forth for uncontrolled Manufacturer my void users authority to operate this device.Environment

