Swann™ PRO-SERIES

ADS-191
Flashing Dome Camera

IMPORTANT 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.

Warnings:

- Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.
- Make sure product is fixed correctly and stable if fastened in place
- The product is not waterproof. It may not work in very humid conditions.
- Do not expose the camera to direct sunlight as it may damage the optics.
- Take care to not drop or damage the camera.
- Keep away from strong magnetic or electrical fields
- Only clean the lens gently with a soft cloth
- Do not attempt to operate the camera if it becomes wet or damaged or the wires or terminals are exposed.
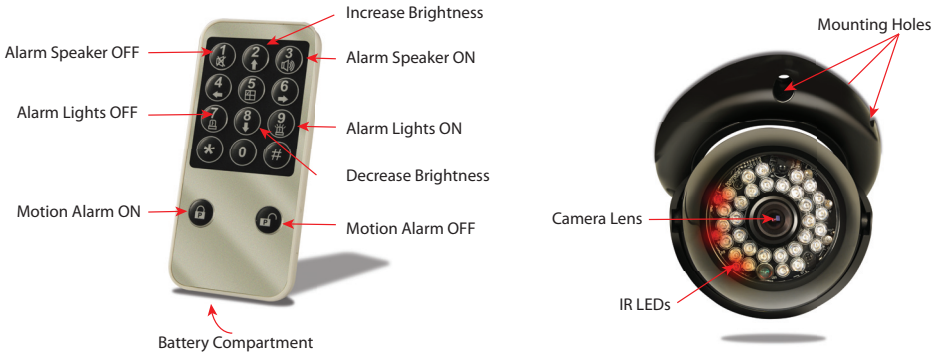
- 1 x ADS-191 CMOS Dome Camera
- 1 x Extension cable
- Screws & wall plugs
- 1 x Power Adapter

- 4 x Security Stickers
- 1 x Remote Control
- 1 x Operating Instructions

Thank you for purchasing the Swann ADS-191, a versatile dome camera with infrared night vision and motion sensing technology making it easy to pick up movement during the day or night. It can even be set to trigger flashing LEDs and a voice-alarm when it detects movement to warn intruders that they are being monitored.

The light plastic body makes it easy to mount and blend into most modern decors and the included remote control makes it easy to control from a distance once mounted.

Increase Brightness

Alarm Speaker OFF

Alarm Speaker ON

Alarm Lights OFF

Alarm Lights ON

Decrease Brightness

Motion Alarm ON

Motion Alarm OFF

Battery Compartment

Mounting Holes

Camera Lens

IR LEDs

Using the remote control, you can control many of the functions of the camera.

Motion Detection

This function turns ON or OFF the motion detection of the camera. When Motion detection is off, the camera acts as a surveillance camera only and will not give a visual or audible alert when motion is detected.

- Press the MOTION ALARM ON button (Lock button) to turn Motion Alarm ON. The blue and red LEDs will blink 5 times together to confirm your choice.

- Press the MOTION ALARM OFF button (Unlock button) to turn Motion Alarm OFF. The red LEDs only will blink 5 times to confirm your choice.

Audible Alarm

This function turns ON or OFF the audible alarm that will sound when motion is detected. The alarm has a voice-recorded warning which says "Warning, you have triggered the alarm system. Your movements are being recorded' when movement is detected.

- Press the ALARM SPEAKER ON button (3) to turn the audible alarm ON.

- Press the ALARM SPEAKER OFF button (1) to turn the audible alarm OFF.

Alarm LED Light Function

This function turns ON or OFF the LEDs that will flash when motion is detected.

- Press the ALARM LIGHT ON button (9) to turn the alarm LEDs ON. The blue LEDs will blink 3 times to confirm your choice.

- Press the ALARM LIGHT OFF button (7) to turn the alarm LEDs OFF. The red LEDs will blink 3 times to confirm your choice.

Camera Brightness Control

This controls the brightness of the picture. A green bar appears on the monitor screen as to indicate the value of the brightness.

- Press the UP button (2) to increase the brightness of the picture.

- Press the DOWN button (8) to decrease the brightness of the picture.

Password Protect Function

The camera can be locked with a four digit numeric password to protect it from any unauthorized changes to the functions or settings. In this mode, the remote control cannot change any of the previous functions (Motion Detection, Audible Alarm, Alarm LED or Camera Brightness control) without the correct password.

The default password is "0000"

To LOCK the camera:

- Press the # button once. The red and blue LEDs will flash together once to confirm your choice.

- Using the numbers 0-9, input the four digit password and then press the # button again. The red and blue LEDs will blink three times together if the password is correct and is accepted.

- The red LEDs will blink ten times if the password is incorrect and rejected. You should try again, ensuring you follow the above procedure.

To UNLOCK the camera:

- Press * XXXX* (asterisk X X X X asterisk) where 'XXXX' is your current password.

Setting a password

To set up a new password, press *XXXX#NNNN*NNNN# ('XXXX' is your old password and 'NNNN' is your new password). In this case you are entering the old password once and the new password twice to confirm it. Remember that the default password if you have not set one yet is '0000'.

To set a new password:

- Press the asterisk button (*) once. The red and blue LEDs will blink together 2 times to confirm your choice.

- Using the 0-9 buttons, input the the old four digit password

- Press the pound/hash button(#). The blue LEDs will blink 2 times together if the password is OK. The red LEDs will blink 10 times if the password is incorrect.

- If you have entered the old password correctly, enter a new 4 digit password.

- Press the asterisk button (*). The red and blue LEDs will blink 2 times to confirm your choice.

- Re-enter the password again

- Press the pound/hash button (#) to save your settings

- The blue LEDs will blink 2 times if the password has been saved correctly. The red LEDs will blink 10 times if there was error. If you get an error, you should repeat these steps.

Special Functions

The camera also has several other settings which are controlled by codes entered via the remote control. To perform the action, make sure you enter the key sequence as shown while the remote is pointed at the camera.

Name	Description	Key Sequence
Reset	Reboots Camera	**79#**72#
TV_PAL	Change to the PAL TV system	**79#**74#
TV_NTSC	Change to the NTSC TV system	**79#**75#
IR_ON	Turn the IR LEDs ON	**79#**76#
IR_OFF	Turn the IR LEDs OFF	**79#**77#
IR_AUTO	IR LEDs will be controlled automatically	**79#**78#

Mounting the Camera

The ADS-191 is lightweight allowing mounting in almost any location or surface.

Some things to consider when choosing the location of your camera:

- What you want to monitor and where you will get the best view of it

- How you're going to connect the camera to your monitoring system

- How to keep the camera out of harms way. Up high in protected corners makes it harder for intruders to access.

To mount the camera:

- The camera mounts using three screws through the base.

- Line up the base onto the ceiling or wall where you want to secure the camera and mark in pencil where the three screws will pass through the base, as well as any necessary hole to feed through the power and video cable. Using these markers, drill the necessary holes.

- If you are going to feed the cables from the camera behind the camera rather than up through the cable guide, make sure you connect them to the extension cables first.

- Secure the base to a ceiling or wall using three screws. The camera allows a limited degree of adjustment to its tilt so ensure it is mounted where it can see the area you wish to monitor without requiring large adjustments.

Troubleshooting

Problem: I can't see the camera on my TV.

Solution: Ensure the camera is plugged in and the TV or VCR is tuned to the correct input channel.

Problem: When I view my camera at night I only see a bright spot and no image.

Solution: Night Vision will reflect when shining through a window. Move the camera to the other side of the window or another location.

Problem: The BNC Extension Cable will not connect to my TV.

Solution: Connect a BNC to RCA adapter to the end of the Extension Cable and plug into the TV.

Problem: On my Swann DVR, "Video Loss" appears where my camera should be.

Solution: Check the Extension cable is securely connected to the camera and check the connection is secure on the back of the DVR. Also ensure the camera has power by trying a second power outlet.

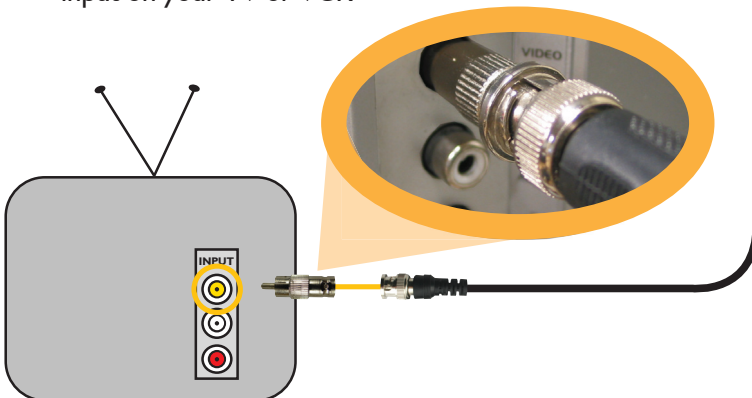|		
Video	Image Sensor	1/4" CMOS
	Video Quality	480 TV Lines
	Number of Effective Pixels	648 x 488
	Minimum Illumination	0 Lux (IR on)
	Day/Night mode	Color during day/in lit areas Black & White at night/in darkness
	White Balance	Automatic
	Signal/Noise Ratio	>50db
	Electronic Shutter	1/60 - 1/15,000 NTSC 1/50 - 1/15,000 PAL
	Gain Control	Automatic
	Backlight Compensation	Yes
	Wide Dynamic Range	No
	Lens	3.6mm
	Viewing Angle	53 degrees
	Zoom	No
Audio	Microphone	N/A
	Audio Range	N/A
Night Vision	Night Vision Distance	Up to 50' / 15m
	IR Cut Filter	Yes
	Infra-Red LEDs	30
	Infra-Red Wavelength	850nm
	Infra-Red LED life	10,000 hours + hours
General	Indoor/Outdoor	Both
	Operating Power	DC 12V
	Operating Temperature	-14°F ~ 122°F -10°C ~ 50°C
	Body Construction	Heavy Duty Plastic
	Weight	6.7oz / 190g
	Dimensions - Camera	3.9" x 3.9" x 3.3" 100mm x 100mm x 85mm

Connection Guide

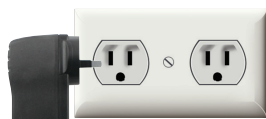**1** Connect the camera's DC and BNC socket cable to the extension cable's DC and BNC plugs

2A. Connecting Directly to TV

2 Connect a BNC to RCA adapter*and connect to video input on your TV or VCR

*may not be included

3B FOR MULTI CAMERA PACKS
Connect the extension cable's DC socket to one of the four sockets on the power splitter. Then, plug the single end of the power splitter to the DC plug on the power adaptor.

4 Plug in the camera power adapter into a wall socket

3A FOR A SINGLE CAMERA
Connect the extension cable's DC socket to the DC plug on the power adapter

2B. Connecting to Your Existing DVR

2 Connect the BNC extension cable to an open channel on the back of the DVR

Helpdesk / Technical Support Details

USA toll free
1-800-627-2799
(Su, 2pm-10pm US PT)
(M-Th, 6am-10pm US PT)
(F 6am-2pm US PT)
USA Exchange & Repairs
1-800-627-2799 (Option 1)
(M-F, 9am-5pm US PT)

AUSTRALIA toll free
1300 138 324
(M 9am-5pm AUS ET)
(Tu-F 1am-5pm AUS ET)
(Sa 1am-9am AUS ET)
NEW ZEALAND toll free
0800 479 266
UK
0203 027 0979

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

Warranty Information

Swann Communications USA Inc.
12636 Clark Street
Santa Fe Springs CA 90670
USA

Swann Communications
Unit 13, 331 Ingles Street,
Port Melbourne Vic 3207

Swann Communications LTD.
Stag Gates House
63/64 The Avenue
SO171XS
United Kingdom

Swann Communications warrants this product against defects in workmanship and material for a period of one (1) year from it's 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 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 transferable to any third party. Unauthorized end user or third party modifications to any component or evidence of misuse or abuse of the device will render all warranties void.

By law some countries do not allow limitations on certain exclusions in this warranty. Where applicable by local laws, regulations and legal rights will take precedence.

FCC Verification
This equipment has been tested and found to comply with the limits for 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 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 of the following measures:
Reorient or relocate the receiving antenna
Increase the separation between the equipment and the 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
WARNING: Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

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