



**Swann**™ *PRO-SERIES*



**PRO-531**  
IR Dome Camera

M531 CAM0503 12T

# Before You Begin

## **IMPORTANT NOTE: Prohibition against eavesdropping**

Except for the operations of law enforcement officers conducted under lawful authority, no person shall use, either directly or indirectly, a device operated pursuant to the provisions of this Part for the purpose of overhearing or recording the private conversations of others unless such use is authorized by all of the parties engaging in the conversation.

**WARNING:** Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

## **IMPORTANT: Safety Instructions**

- Make sure product is fixed correctly and stable if fastened in place
- Do not operate if wires and terminals are exposed

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# Pack Contents

## Single Camera Pack

- 1 x PRO-531 CMOS Security Camera
- 1 x Extension cable
- 1 x Screws & wall plugs
- 1 x Power Adapter
- 4 x Security Stickers
- 1 x Operating Instructions

## Two or Four Camera Pack

- 2/4 x Pro-531 CMOS Security Camera
- 2/4 x Extension Cable
- 2/4 x Screws and Wall Plugs
- 1 x Power Splitter
- 1 x Power Adaptor
- 4 x Security Stickers
- 1 x Operating Instructions

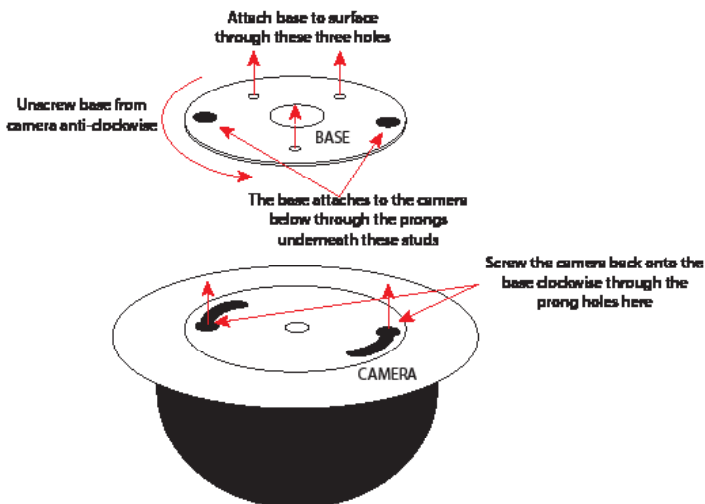
The Pro-531 is a 600TVL mid-sized dome camera that uses a CMOS video sensor ensuring high quality images. It is housed in a light plastic body making it easy to mount and blend into most modern decors.

The Pro-531 also features night vision IR LEDs which give black and white 'night vision' even in total darkness.

## Mounting the camera

There are two main parts to mounting the Pro-531; the base which is fixed to a ceiling or wall and the camera which is then secured to the base.

- If the base is already secured to the dome camera, twist it anti-clockwise while holding the camera to remove it from the camera.



## Mounting the Camera (cont.)

- 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 a hole if you intend to feed through the power and video cable. Using these markers, drill the necessary holes.
- Secure the base to a ceiling or wall using three screws. Make sure the two metal prongs in the base are on the outside since this is to what the dome camera attaches.
- Pass the video and power cables from the extension cable through the hole in the wall and attach them to the power and video cables on the camera.
- Feed the power and video connectors and any slack on the cable back through the hole to neaten the appearance of the wiring. If needed, use some conduit to shield the cables.
- Secure the camera to the base by lining up the prongs on the base with the round holes on the camera base and then twisting the camera clockwise to secure it onto the two holding prongs.

## 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.

# Technical Specifications

Video	Image Sensor	1/3" SwannTruColor (STC) CMOS
	Video Quality	600 TV Lines
	Number of Effective Pixels	728 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	> 45db
	Electronic Shutter	1/60 - 1/100,000 NTSC 1/50 - 1/100,000 PAL
	Gain Control	Automatic
	Backlight Compensation	Yes
	Wide Dynamic Range	No
	Lens	4.8mm
	Viewing Angle	58 degrees
Audio	Zoom	No
	Microphone	No
Night Vision	Audio Range	N/A
	Night Vision Distance	Up to 65' / 20m
	IR Cut Filter	Yes
	Infra-Red LEDs	22
	Infra-Red Wavelength	850nm
General	Infra-Red LED life	10,000 hours
	Indoor/Outdoor	Indoor
	Operating Power	DC 12V
	Operating Temperature	14°F ~ 140°F -10°C ~ 60°C
	Weight	0.5lbs / 225g
	Dimensions - Camera	5.0" x 5.0" x 3.3" 128mm x 128mm x 80mm

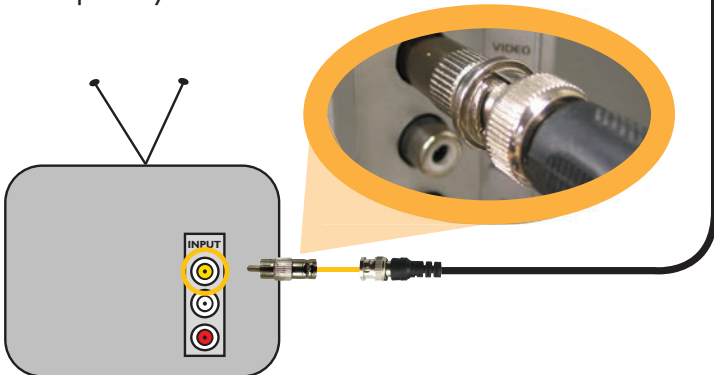
# Connection Guide



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



**3** Connect the extension cables DC socket to the DC plug on the power adapter



**4** Plug in the camera power adapter into a wall socket

## 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

## Swann Technical Support

All Countries E-mail: [tech@swann.com](mailto:tech@swann.com)

Telephone Helpdesk

### 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

1 300 138 324

(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 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 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.

For Australia: Our goods come with guarantees which cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to major failure.

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.



# Swann

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### 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.