

## Helpdesk / Technical Support Details

### Swann Technical Support

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

#### INTERNATIONAL

+61 3 8412 4610

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 PTY. LTD.  
Building 4, 650 Church Street,  
Richmond, Victoria 3121  
Australia

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.

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.

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 **Swann**  
Advanced security made easy™

professionalsecurity

# Multi-Purpose Security Camera Night Vision 65ft/20m

PRO-600™



## Quick Start Guide

SW224-HBC  
[www.swannsecurity.com](http://www.swannsecurity.com)

SR224-HBC-10006-240709

## ■ FCC Verification:

**NOTE:** 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

## ■ IMPORTANT: 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

## ■ Troubleshooting Guide

**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 the 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	1/4" Color CCD
Video Quality	420 TV Lines
Number of Effective Pixels	NTSC: 510 x 492 PAL: 628 x 582
Minimum Illumination	0 Lux (IR on)
Day/Night Mode	Color during day / switches to B&W night
White Balance	Automatic
Signal / Noise Ratio	> 50dB
Electronic Shutter	1/60 - 1/100,000 NTSC 1/50 - 1/100,000 PAL
Gain Control	Automatic
Backlight Compensation	Yes
Wide Dynamic Range	N/A
Lens	6mm
Viewing Angle	33 degrees

## ■ Night Vision

Number of Infra-Red LEDs	35
Infra-Red Wavelength	850nm
Night Vision Distance	Up to 65ft / 20m
Infra-Red LED Life	10,000 hours

## ■ General

Operating Power	DC 12V
Operating Temperature	-10°C ~ 50°C 14°F ~ 122°F
Body Construction	Aluminum
Dimensions - Camera	2.8" x 2.8" x 5.7" 70mm x 70mm x 145mm
Dimensions - Stand	2.3" x 2.3" x 4.7" 60mm x 60mm x 120mm
Weight - Camera	14.5oz / 411g
Weight - Camera & Stand	18.6oz / 527g

# Viewing the Camera on Your TV or VCR

## ■ Viewing the PRO-600 on a TV

After connecting the PRO-600 Camera directly to your TV and powering it on as described on page 4, tune the TV to the correct input channel.

On your TV's remote control, the input button is usually labelled as Input, Source, AV, Channel 0, AUX etc.\*

## ■ Viewing and Recording the PRO-600 on a VCR

Connect the PRO-600 into an available input channel on your VCR in the same manner as the TV connection listed on page 4. Turn on your VCR and TV as if you were about to play a VCR tape.

On your VCR's remote control, find the input button with is usually labelled as L1, L2, Input, Source, AV, Channel, 0, AUX etc.\* Insert a tape and push record to record the camera.

\*Consult the TV or VCR instruction manual for details about changing input channels

## ■ Tips and Suggestions

Never aim the camera directly at the sun as it may damage the sensor

Test all connections and ensure the camera is working correctly prior to permanent installation

Install cameras high enough or out of reach to avoid tampering

Place Security Stickers in a visible location to alert potential thieves they are being monitored

Mix real cameras with dummy cameras to give the impression of increased security coverage

Purchase a Swann DVR to record multiple cameras simultaneously and easily monitor your property.

Place cameras in high traffic areas such as doorways to maximise security

Use only the included Power Supply and do not modify or cut wires

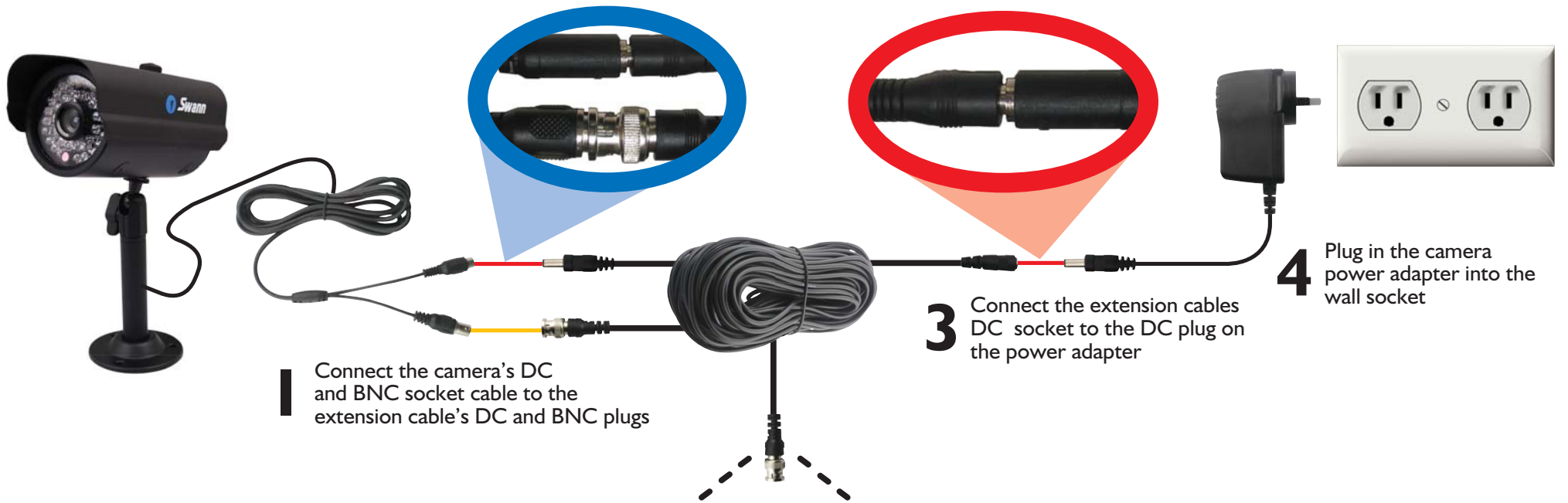
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# Package Contents

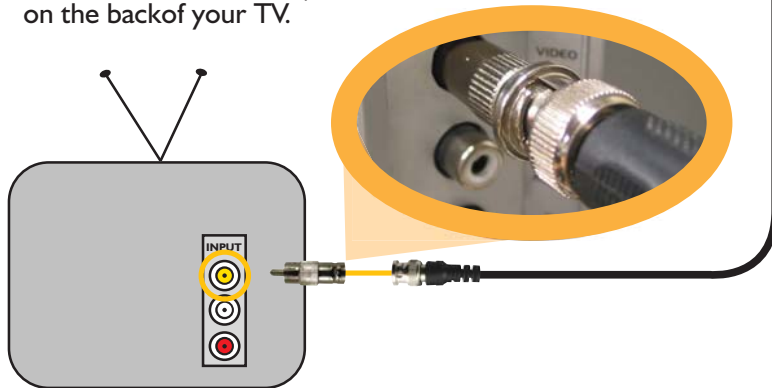
- PRO-600 Security Camera
- Camera Stand
- BNC Extension Cable
- BNC to RCA Adapter
- Power Adapter
- Quick Start Guide
- Security Stickers
- Mounting Hardware





## 2A. Connecting Directly to TV

**2** Connect the BNC plug on the extension cable into the BNC socket on the RCA to BNC adapter. Then connect the RCA plug on the RCA to BNC Adapter (which should be plugged into the extension cable) to the VIDEO INPUT connection on the back of your TV.



## 2B. Connecting to Your Existing DVR

**2** Connect the extension cables BNC plug to a BNC socket (CH1, CH2, CH3 or CH4) on the back of the DVR

