## Helpdesk / Technical Support Details

Swann Technical Support All Countries E-mail: tech@swannsecurity.com Telephone Helpdesk

USA toll free I-800-627-2799 (Su, 2pm-10pm US PT) (M-Th, 6am-10pm US PT) (F 6am-2pm US PT) USA Exchange & Repairs 562-777-2551 (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. I 2636 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 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.





### plug&playsecurity

# Home Outdoor Security Kit 1 Real & 1 Imitation Camera

**PNP-150/2D™** 



## **Quick Start Guide**



SR212-HXD-10006-040609

### **Before You Begin**

#### **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
- $\cdot$  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 Video Quality Number of Effective Pixels Minimum Illumination Day/Night Mode White Balance Signal / Noise Ratio Electronic Shutter Gain Contr=ol Backlight Compensation Lens Viewing Angle 1/3" Color Super CMOS 400 TV Lines NTSC: 510 x 492 / PAL: 628 x 582 0 Lux (IR on) Color during day / switches to B&W night Automatic > 50dB 1/60 - 1/15,000 NTSC / 1/50 - 1/15,000 PAL Automatic Yes 6mm 53 degrees

Night Vision

Number of Infra-Red LEDs Infra-Red Wavelength Night Vision Distance Infra-Red LED Life 30 850nm Up to 30ft / 9m 10,000 hours

#### General

Operating Power Operating Temperature Body Construction Dimensions - Camera Dimensions – Stand Weight – Camera & Stand DC 12V -10°C ~ 50°C / 14°F ~ 122°F ABS Plastic 5.5" x 2.8" x 2.8" / 140mm x 70mm x 70mm 4.5" x 2.3" x 2.3"/ 120mm x 60mm x 60mm 0.5lbs / 235g

## Viewing the Camera on Your TV or VCR

#### Viewing the PNP-150 on a TV

After connecting the PNP-150 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, A/V, Channel 0, AUX etc.\*

#### Viewing and Recording the PNP-150 on a VCR

Connect the PNP-150 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, A/V, 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 & 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

- PNP-150 Security Camera
- PNP-150 Imitation Camera
- Camera Stand x 2
- BNC Extension Cable
- BNC to RCA Adapter

- Power Adapter
- Quick Start Guide
- Security Stickers
- Mounting Hardware



## **Connection Guide**



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