



Super HD Bullet Security Camera

NHD-855 5MP Bullet Camera for Network Video Recorders

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INSTRUCTION MANUAL

1 Introduction

Congratulations on the purchase of your Swann Super HD Camera.

- Enjoy day & night security & have a bird's eye view of your premises in crystal clear super HD with this impressive 5 Megapixel camera
- See what's happening in any light with infrared cut filter & powerful night vision up to 130ft/40m & a wide 70° viewing angle
- With sleek bullet styling & sturdy aluminium construction, the camera suits indoor & outdoor applications with an IP66 rating for any weather conditions
- This camera is the perfect addition if you already have a recording solution (NVR) & need extra surveillance. It can only be used in combination with Swann's Platinum Digital HD NVRs including the 7450 series

Important instructions

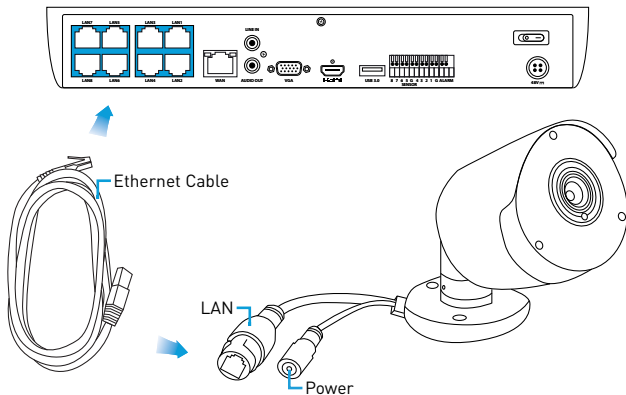
1. Make sure the camera is fixed correctly and stable if fastened in place.
2. Never place strain of any kind on the network cable connection. It's designed to clip into the Ethernet port, but it won't support weight and can be broken.
3. Do not operate if wires and terminals are exposed.


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 limit the use of cameras.

If you own a 8 or 16 channel 8000 series NVR, configuration is required for successful connection, go to support.swann.com for further instructions. Search for - **NHD 855 Connection Guide**.

2 Connecting the Camera

To connect the camera to your NVR, simply connect the supplied Ethernet cable to the LAN connection on the camera then plug the other end of the cable into one of the IP camera inputs on the back of your NVR.



 **Please note:** The power connector is provided as an alternative power option if required. Your NVR will provide power over the Ethernet cable when connected and a separate power adapter is not required.

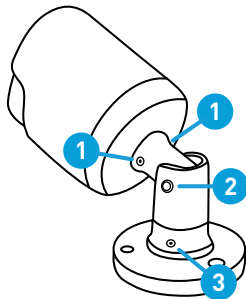
3 Mounting the Camera

The camera can be mounted onto a flat surface using the screws and wall plugs provided. The surface must have sufficient strength to hold the camera.

- Position the camera in the location you want to mount it, and mark the screw holes on the surface to position the screws (a mounting template has been included). Then, using the appropriate screws for the surface you're fixing the camera to, secure the camera in place.
- If you're mounting to a wooden surface, then screw the camera directly to the surface.
- If you're mounting to a masonry surface (bricks, concrete or similar), then you'll need to use wall plugs.

Aiming the camera

1. Loosen both screws (use an Allen key) to adjust the camera's orientation. This enables you to rotate the camera so no matter what direction it is facing, your images will be the right way up. Tighten each screw to secure in place.
2. Loosen the screw to tilt the camera up or down. Tighten the screw to secure in place.
3. To pan the camera left or right, loosen the screw and position accordingly. Tighten the screw to secure in place.



4 Camera Location Tips

1. Take into consideration what you want to monitor and where you'll get the best view of it.
2. How you're going to connect the camera to your monitoring system; remember that cables and connections should be kept out of the weather.
3. How to keep the camera out of harm's way. It's recommended to mount your camera at an elevated position.
4. Place your camera as close to the area of interest as practicable. The best position is from about 13ft/4m above looking slightly down, keeping in mind the details you are looking for.
5. Although the sky looks nice when you look at the live view from your camera, it is an unlikely direction for an offender to approach. Make sure your camera has minimal sky in it as the light in daylight can make the foreground of the image darker.
6. Think about the most likely way a potential offender may approach your home, use your camera to give you the best coverage of these areas.
7. The camera's casing is resistant to different weather conditions and tampering. It would take an overwhelming event to damage the housing.
8. Even though the camera is weather and water-resistant, prolonged exposure to adverse weather conditions such as sunlight or excessive moisture, may eventually damage the internal components of the camera and adversely affect its performance.
9. Run cables inside a wall cavity or other protected enclosure, and ensure that all wiring and connectors are insulated and protected from moisture.
10. Don't put your cable near live electrical wiring. AC electricity generates radio "noise" which can interfere with the signal from your camera.

5 Limited Warranty - Terms & Conditions

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 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 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.

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.

6 FCC Verification

This equipment has been tested and found to comply with the limits for Class A 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

These devices comply with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

Helpdesk & Technical Support

Technical Support E-mail: tech@swann.com

Technical Support Website: support.swann.com

Telephone Helpdesk

USA Toll Free 1-800-627-2799

USA Parts & Warranty 1-800-627-2799

(M-F, 9am-5pm US PT)

AUSTRALIA 1800 788 210

NEW ZEALAND Toll Free 0800 479 266

UK 0808 168 9031

