

## 1080p HD PoE Bullet CCTV Camera

Instruction Manual - HGNVK-930CAM / EN

Technická podpora, Helpdesk

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# Be Protected & High-accuracy Motion Alert



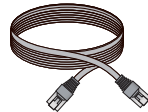
## Welcome

Thank you for choosing HOMEGUARD

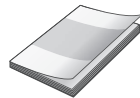
## What's in the box



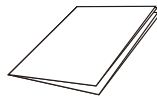
PoE Bullet Camera



Ethernet Cable



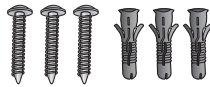
User Manual



Warranty Card



Warning Sticker



Fixings

## Specifications

Item	Description
Sensor	1/2.7" 2.0MP
Video Compression	H.265/H.264
Image Resolution	PAL: 25fps @ 1080p (1920×1080); NTSC: 30fps @ 1080p(1920×1080)
PIR Detection Angel	120°
PIR Detection Distance	7m / 23ft
Minimum Illumination	0.1LUX
Signal System	PAL/NTSC
Digital Noise Reduction	3D DNR
Stream	Dual
Video Bit Rate	256Kbps ~ 8Mbps
Privacy Mask	Support
System Compatibility	ONVIF (Ver 2.6, Profile S, Profile G)
Power Supply	DC 12V/PoE
Consumption	≤ 7W
IR LEDs	18 PCS
Night Vision Range	30m/100ft
Weatherproof	IP66

## Introduction

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Each Homeguard PoE Bullet camera is supplied with a mounting kit for attaching it to a wall or ceiling. Before you affix the camera in position, please ensure the cable is of adequate length to reach the NVR. We also recommend you try the camera with the NVR before mounting it, to ensure it is in good working order, and help diagnose any problems created when installing it.

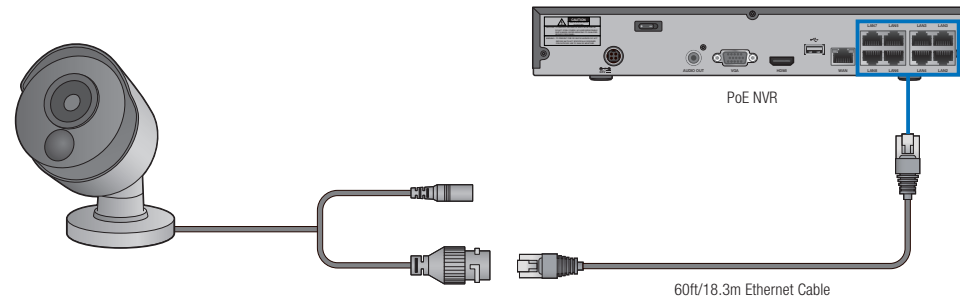
### Be Protected & High-accuracy Motion Alert:

- Cutting edge full HD camera with 1080p video surveillance technology to deter thieves, safeguard loved ones, protect your property & cut the cost of crime.
- Seeing is believing from this 1080p HD camera (2.0 Megapixels) with a 92° viewing angle to see high detail over a wider field of view.
- NVR's PoE ports make setup quick & easy, with one cable installation per camera that provides both power and HD video.
- Latest infrared cut filter & powerful LEDs producing night vision up to 100ft / 30m, weatherproof IP66.
- State-of-the-art PIR motion sensor designed for security applications & optimized to reliably detect people but also cars, large pets and other large heat-generating objects.
- With more accurate motion detection you have more reliable notifications & activity-triggered recording, eliminating false triggers due to the wind, leaves falling, bugs, rain & more, saving you hard drive space & playback time (when combined with a NVR).
- The HGNVK-930CAM Camera is perfect addition to Homeguard's HGNVK-5300 Series HD NVR Security Systems if you need extra surveillance.

## Connecting the Camera

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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 camera inputs on the back of your NVR.



**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.

## Mounting the Camera

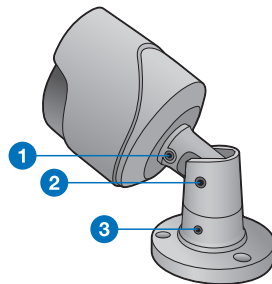
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The camera can be mounted onto a flat surface using screws. The surface must have sufficient strength to hold the camera.

- Position the camera in the location you want to mount it, and mark the screw holes on the surface to position the screws. Then, using 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 the screw (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 the screw to secure in place.
2. Loosen the screw to tilt the camera up and down. Tighten the screw to secure in place.
3. To pan the camera left and right, loosen the screw and position accordingly. Tighten the screw to secure in place.



## Camera Location Tips

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1. What you want to monitor and where you'll get the best view of it.
2. How you're going to connect the cameras to your monitoring system; remember that cables and connections should be kept out of the weather.
3. How to keep the cameras out of harm's way. It's recommended to mount your cameras at an elevated position.
4. Place your cameras 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. Think about the most likely way a potential offender may approach your home, use your cameras to give you the best coverage of these areas.
6. Run cables inside a wall cavity or other protected enclosure, and ensure that all wiring and connectors are insulated and protected from moisture.
7. Don't put your cable near live electrical wiring. AC electricity generates radio "noise" which can interfere with the signal from your cameras.

## Troubleshooting

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### No picture / signal

- 1080p cameras are compatible with 1080p HD NVR recorders.
- Ensure the camera is connected to a compatible NVR by ethernet cable.
- The camera may take up to 1 minute to power up after being connected to the NVR.
- There may be an issue with your extension cable run. Connect the camera to the NVR using a different Ethernet cable.

### Picture is too bright

- Ensure your camera isn't pointed directly at a source of light (e.g. sun or spot light).
- Move your camera to a different location.
- Check the brightness and contrast settings of the NVR or monitor.

### Picture is too dark

- Check the brightness and contrast settings of the NVR or monitor.

### Night vision is not working

- The night vision activates when light levels drop. The area may have too much light.

### Picture is not clear

- Check the camera lens for dirt, dust, spiderwebs. Clean the lens with a soft, clean cloth.
- Make sure that the cable run is within the limitations specified in the section 'Cable Extension Options'.

### Bright spot in video when viewing camera at night

- Night vision reflects when pointing a camera at a window. Move the camera to a different location.

## Warranty & Support

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All the products sold are covered by 24 months warranty from the date of invoice.

### Warranty instructions:

1. Please contact us when the product is caused by its own fault within 2 year warranty.
2. Please mail us your written warranty card as soon as possible after purchasing our products so that we can repair or replace this product to its original operation condition. Or the company will not deal with it.
3. Please write the truth on the warranty card.
4. Paid for repairing as follows:
  - A. Equipment failure caused by human operation
  - B. Equipment failure caused by not conforming to the using environment
  - C. No warranty card
  - D. Warranty expired

**Product model:** \_\_\_\_\_

**Product serial number:** \_\_\_\_\_

**Purchase date:** \_\_\_\_\_

**User name:** \_\_\_\_\_

**Contact person:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_



**Note:** Please keep the warranty card for the better service.  
For technical support, please contact us [support@homeguardworld.com](mailto:support@homeguardworld.com)

