



Heat-sensing Bullet CCTV Camera

Instruction Manual - [HGPRO838 / EN](#)

BE PROTECTED & HIGH-ACCURACY MOTION ALERT



Welcome

Thank you for choosing HOMEGUARD

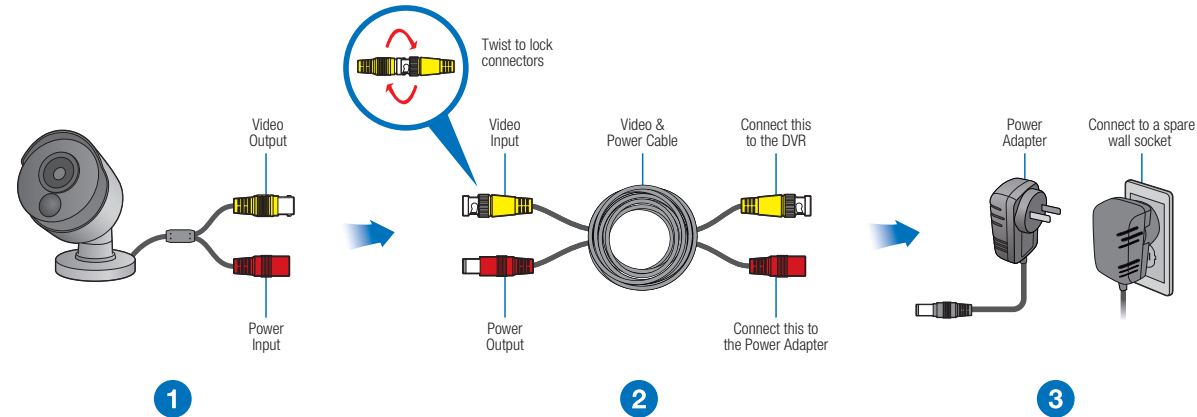
Introduction

Each Homeguard 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 DVR. We also recommend you try the camera with the DVR 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 full HD camera (2.0 Megapixels) with a 92° viewing angle to see high detail over a wider field of view.
- 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 DVR).
- The HGPRO-838 Camera is perfect addition to Homeguard's HGDVK-4400 Series HD DVR Security Systems if you need extra surveillance.

Connecting the Camera



To adjust the camera's position, loosen the screws at the base of the camera and the pivot point on the arm, as well as the locking ring on the bracket. The camera is now free to be positioned at any angle. Once positioned, tighten both screws and locking ring again.

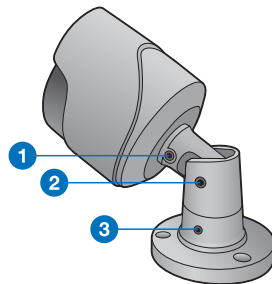
Mounting the Camera

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

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.

New PIR Motion Technology

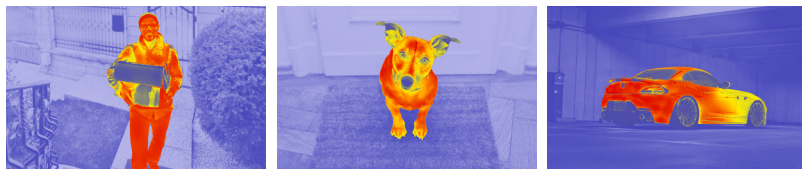
OLD

All movements, including objects that don't matter like falling leaves, bugs and rain, will trigger motion detection.



NEW

Moving heat-generating objects, such as people, large animals and vehicles will trigger motion detection.



* Indicative visual, video images show onscreen like normal.

What Can I Do with this Camera



What's in the box



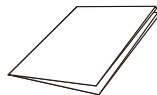
Bullet CCTV Camera



BNC Cable



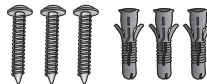
Power Adaptor



Instruction Manual



Warning Sticker



Fixings

Specifications

Item	Description
Sensor	Colour 1/2.7" 2.0MP
Horizontal Resolution	PAL: 25fps @ 1080P; NTSC: 30fps @ 1080P
Viewing Angel	92°
PIR Detection Angel	120°
PIR Detection Distance	7M/23ft
Minimum Illumination	0.01LUX
Scanning System	Progressive
S/N Ratio	≥40dB (AGC Off)
AGC	Auto/Manual
White Balance	Auto
Exposure Mode	EE
Gamma Correction	0.45
IR LEDs	∅5mm 18Pcs
Night Vision Range	30m/100ft
Weatherproof	IP66

Troubleshooting

No picture / signal

- 1080p cameras are compatible with 1080p HD DVR recorders. 720p cameras are compatible with 720p & 1080p HD DVR recorders.
- Ensure connections are properly connected.
- Ensure the camera power supply is plugged in.

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.

Picture is too dark

- Check the brightness and contrast settings of the DVR 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

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

