



Night Vision



## What is 'infra-red' night vision?

Infra-red night vision allows cameras to 'see in the dark'. It is the method of using IR LEDs (Infra-red Light Emitting Diodes) as illumination for a camera with a sensor that can 'see' infra-red light. Infra-red light provides the illumination needed to capture clear images in total darkness or low-light conditions.

### Infra-red Night Vision



## How does 'infra-red' night vision work?

Infra-red light is a part of the light spectrum that is not visible to the human eye. When there is insufficient visible light to see an object a Swann camera with night vision automatically activates its IR mode and sees the light from the IR LEDs using its IR image sensor and shows the resulting image as a black & white picture on your screen.



## How far can the Swann 'night vision' camera models see at night?

The Infra-red LEDs can project IR light that is invisible to the human eye but can be seen by the night vision cameras to a distance ranging from 16ft (5m) to 165ft (50m) depending on which model you choose. With a small amount of ambient light, such as street lighting and house lighting, the distance can be extended on certain models. Please read the specifications on the camera's packaging or visit the Swann website [www.swannsecurity.com](http://www.swannsecurity.com) for information on the night vision performance of the model that suits your needs.



Weather Resistant



## What does 'weather resistant' mean?

Weather resistant cameras are able to be used in the outdoors if shielded from direct sun, rain, temperatures, snow and wind. Camera power supplies must never be left exposed. Please read the specifications on the camera's packaging or visit the Swann website [www.swannsecurity.com](http://www.swannsecurity.com) for information on the weather resistance and temperature tolerance of the model that suits your needs.