

HOME PROTECTOR

SAFE AND SECURE



720P

SECURITY LIGHT WITH CAMERA

WITH PIR SENSOR

USER GUIDE

Now that you have purchased a Home Protector product you can rest assured in the knowledge that as well as your 3 year parts and labour warranty you have the added peace of mind of dedicated helplines and web support.

AFTER SALES SUPPORT



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MODEL: 63795

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Introduction

Using a motion activated floodlight outside your home is a good idea to deter unwanted visitors, but this one takes the concept one step further - it actually records them. The Security Light with Camera is able to record both videos and photos. The Security Light comes with a powerful 300W halogen bulb and the built-in PIR sensor has a 9 meter detection range. The motion detector will activate the floodlight and start recording, as soon as motion is detected. Videos and images will be recorded directly to the SD card with date/time stamp.

Welcome

You have made an excellent choice with the purchase of this quality Home Protector product.

By doing so you now have the assurance and peace of mind, which comes from purchasing a product that has been manufactured to the highest standards of performance and safety, supported by the high quality standards of Aldi.

We want you to be completely satisfied with your purchase, so this Home Protector product is backed by a comprehensive manufacturer's 3-year warranty and an outstanding after sales service through our dedicated Helpline.

We hope you will enjoy using your purchase for many years to come.

If you require technical support or in the unlikely event that your purchase is faulty please telephone our Helpline for immediate assistance. Faulty product claims made within the 3 year warranty period will be repaired or replaced free of charge provided that you have satisfactory proof of purchase (keep your till receipt safe!). This does not affect your statutory rights.

However, be aware that the warranty will become null and void if the product is found to have been deliberately damaged, misused or disassembled.

General Information and Safety Instructions

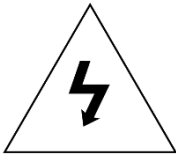
Read all safety information below and operating instructions before using this Security Light to avoid any damages to your device.

1. Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint, or insert foreign objects into this device.

Warning



The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be sufficient magnitude to pose a risk of electric shock to persons.

Any changes or modifications to the construction of this product which are not expressly approved by the person responsible for compliance could void the warranty.

Caution

Hazard, Safety and Warning notices

- Incorrect use of the camera and accessories can be dangerous for you and others and can damage or destroy the camera. We therefore ask you to read and strictly observe the following hazard, safety and warning notices.

Intended use

- This Security Light with audio transmission is solely intended for the audio and image surveillance of exterior areas. The specified maximum ranges are approximate and can be impaired, depending on the environment and

natural weather conditions. You are responsible for ensuring that no personal rights of third parties are violated when using the Security Light.

- The Security Light has solely been designed for private use.

Hazards for children and persons with limited ability to operate electronic equipment

- The Security Light, accessories and packaging are not toys for children to play with and therefore should be kept away from children. There could be a risk of electrocution, poisoning and suffocation.
- The Security Light and accessories may not be used by children or persons with a limited ability of operating equipment. The Security Light may not be used by persons (including children) with limited physical, sensory or mental capacities or limited experience and/or knowledge. The Security Light, and mains adapter may only be used by persons that are physically or mentally able to operate the equipment safely, unless they are supervised by a person responsible for their safety or have been instructed by this person as to how to use the equipment. Children should be supervised to ensure that they are not playing with the equipment.

Storing conditions

- Storage conditions:-20°C to 55 °C, 20-85% R.H., non-condensing.

Special care instructions!!

- The Security Light is designed only to be weather resistant.
- Never attempt to immerse the unit in water or any other liquid. This will damage the unit and void the warranty.
- Use a soft lens cloth for cleaning the lens. Avoid touching the lens with fingers.
- Remove dirt or stains with a soft cloth dampened with water or mild detergent. Keep the Security Light in a dry and cool dust-free environment or container when it is NOT used.
- Do not open the Security Light for unauthorized service. This could cause serious damage to the unit and will void your warranty.
- This Security Light is a precision electronic device. Do not attempt to service this camera yourself, as opening or

removing covers may expose you to dangerous voltage points or other risks.

- Do not touch the floodlight when the power is on, it is extremely hot.



CAUTION
HOT AREA

Hazard of electrocution in case of wet and humid conditions

- The Security Light and any supplied components may not be exposed to dripping or spray water. Containers filled with liquid, such as vases or glasses may also not be placed on or close to the camera. Danger of fire and electrocution.
- Do not use the camera and its components close to water and protect against moisture and humidity. Danger of fire and electrocution.
- Do not use the camera and its components in areas exposed to high humidity, steam, smoke or dust. Danger of fire and electrocution.

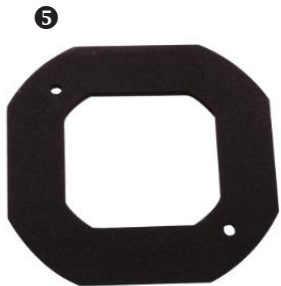
Electrical hazard

- Switch off the Security Light with Camera if a foreign body or liquid has entered the light or camera. Wait until completely dry, there is danger of fire and electrocution.
- Switch off if Security Light with Camera has been dropped or if housing is damaged, there is danger of fire and electrocution.
- The Security Light and its components may not be dismantled, modified or repaired, there is danger of fire and electrocution.
- Only use the supplied power cable provided or power cable with the same specifications. Only connect to a power supply that has a suitable voltage as specified on the rating plate.
- Do not use power supply or output cable if damaged. Replace with same type of power supply.
- The USB power supply may not be used during a thunder storm, there is danger of electrocution.

Assembly and Parts List

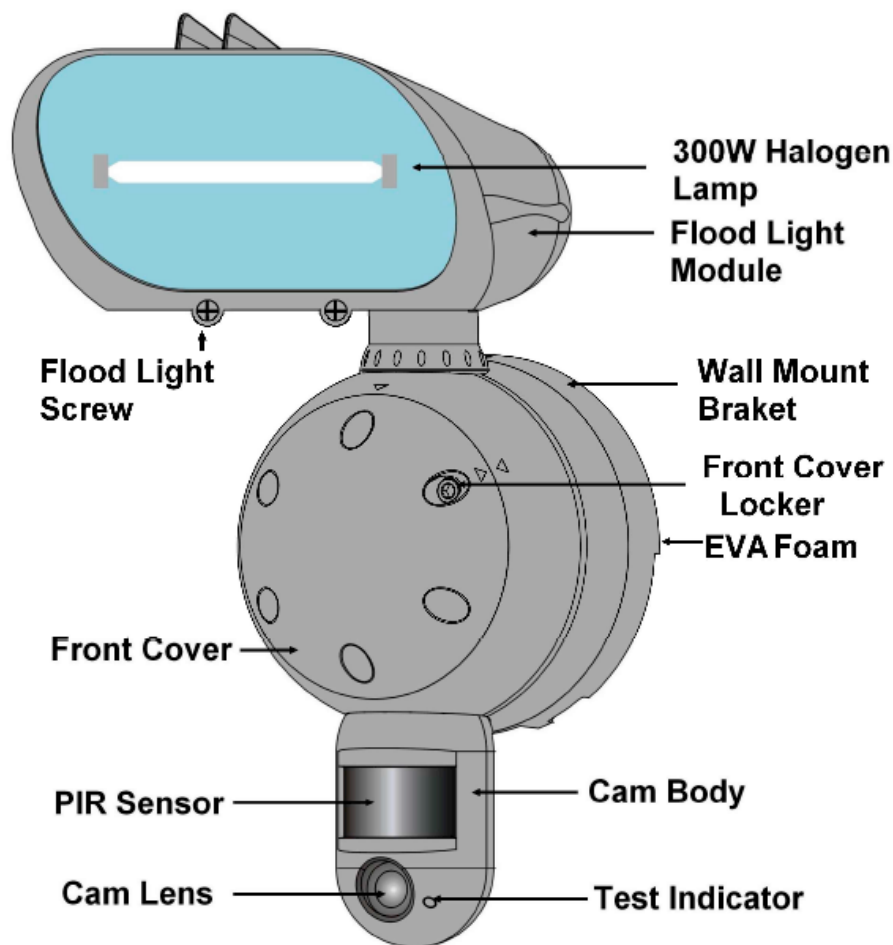
- ① Security Light with Camera
- ② USB cable
- ③ 300W halogen tube
- ④ Hexagon key
- ⑤ EVA foam
- ⑥ Screws (4 pcs.)
- ⑦ Screws bolts (4 pcs.)
- ⑧ 4GB memory card





Overview

Front view



Floodlight:

It can be rotated and tilted to adjust the lighting area. The maximum rotation is +/-30 degree. Tilting angle is 10 degree.

Flood light screw:

Release to open the flood light case to replace the halogen lamp.

Flood light cover:
Open to replace lamp.

Halogen lamp:
For lighting purposes, please use the correct voltage and wattage of halogen lamp for this product. Halogen lamp R7S. Maximum power is 300W.

Front cover locker & Front cover:
To open or lock the front cover.

PIR:
Passive infrared movement sensor.

Camera Lens:
This is the digital camera lens. Please use a soft cloth to clean if necessary.

TEST Indicator:
It is a red LED to indicate the PIR detection coverage area.

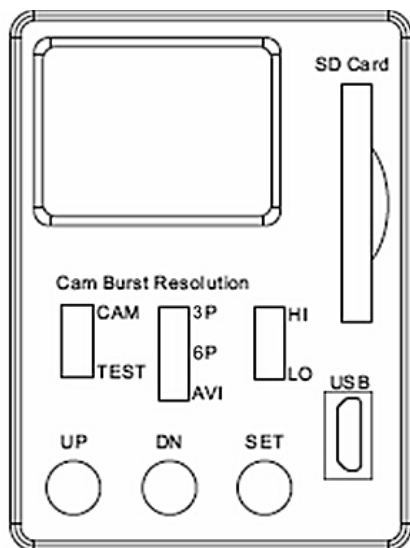
Camera body:
It can be rotated and tilted to adjust PIR detection area. The maximum rotation is +/-30 degree. Tilting angle is 30 degree.

Wall mount bracket:
To mount the Security Light on the wall with provided screws.

EVA foam:
Install between wall and wall mount bracket to prevent water from getting inside.

Control panel

Use the hexagon key to release the screw from front cover, then rotate the front cover anti-clockwise to the end, and take the front cover out. After opening the front cover, you will see the control panel. Please see below.



LCD display:

Icon display showing settings and captured image/video quantity. Refer to LCD details later in this manual.

Camera switch:

Switch between capture mode (CAM) and Test mode (TEST).

Burst switch:

Use this switch to switch between still images and video. Depending on what you set the burst switch to, the Security light will capture pictures/video when motion is detected. You can set it to 3 pictures (3P), 6 pictures (6P) or video recording (AVI).

Resolution switch:

To set the still image resolution and Video resolution. You can choose between High resolution (HI) and Low resolution (LO)

SD memory card slot:

To install a SD memory card, please ensure card is unlocked. Insert the card firmly. Press again to release and remove. SD card is needed for the Security Light to capture video/pictures.

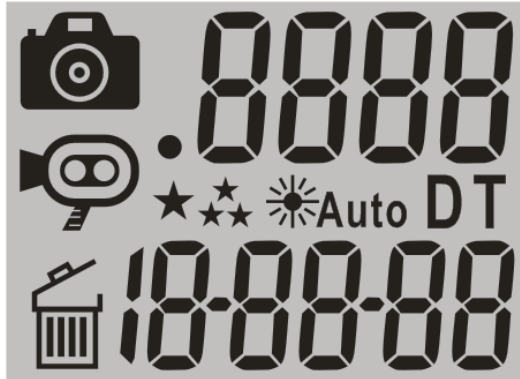
SET/UP/DOWN button:








Use these three buttons to program the camera parameters as Date/Time/Video recording time/Image and video capturing interval time.






USB Jack:

Use this port to connect the USB cable from the Security Light to a PC to access the captured image/video directly from the Security Light.

LCD Display



	Still image icon. Indicates that the Security Light will capture still images. Number of images captured depends on what the Burst switch is set to.
	Image counter to show how many images or videos the Security Light has captured.
	Storage status icon. Only present if an external SD card installed.
	Video icon. Indicates that the Security Light is in video capturing mode. Recording time will depend on the video recording time setting.
	High-resolution icon. Indicates that the Security Light will capture still images and video in high-resolution.
	Low-resolution icon. Indicates that the Security Light will capture still images and videos in low-resolution.
	Date setting icon. Indicates when your Security Light is in Date setting.

	Time setting mode. Indicates when your Security Light is in Time setting.
	Rubbish bin icon, Indicates the Security Light is in delete mode.
 Auto	Floodlight control icon. Indicates that the Security Light floodlight is auto environmental brightness detection to turn on the floodlight.
	Shows the Date/Time/Video recording time/image and video capturing interval time.
	Pressing the SET button will exit the current mode.

Image/Video capacity

SD Card	High 12M 4000 x 3000	High 5M 2592 x 1944	AVI VGA 10 seconds	AVI QVGA 10 seconds
Built in memory	3	6	-	1
1G	128	256	17	51
2G	256	512	34	102
4G	512	1024	68	204
8G	1024	2048	136	408
16G	2048	4096	272	816

NOTE:

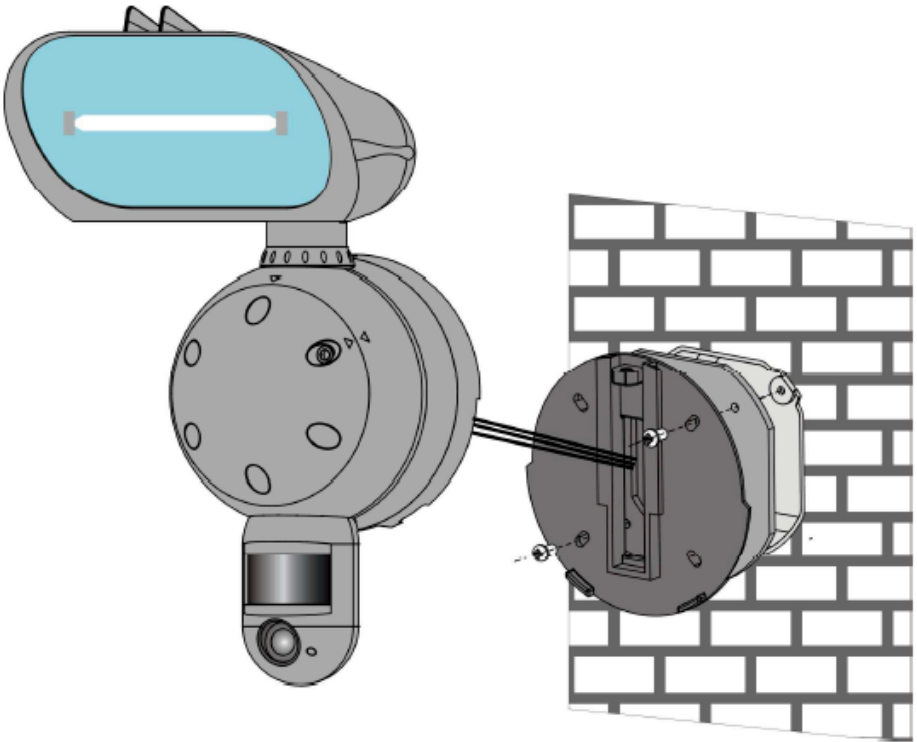
The Image/Video capacity chart shows the approximate number of images or video clips that can be stored based on the resolution setting and the size of SD card. These figures may vary depending on the amount of detail in the images. When the SD card is full, your Security Light will begin overwriting the earliest data ensuring you always have the most recent images/videos.

Memory options up to 16GB SD card.

Your Security Light is equipped with 32MB built-in memory. Please note that the data stored on internal memory may be lost in the event of a power failure. We therefore recommend the use of the enclosed SD card. The SD card reader slot is capable of accepting up to 16GB SD card (sold separately). With no memory card inserted into the slot, the camera will use the built-in 32MB memory. If a SD card is inserted into the slot then the camera will bypass the built-in memory and write to the SD card. It is not recommended that a card is inserted or removed during operation as this can cause malfunction. The control panel display will show the number of images on the built-in memory and will change to show the number on a SD card if one is inserted.

Mounting the Security Light

Mount the Security Light to a solid surface more than 1/2" or 12.7 mm thick in a secure location overseeing the area to monitor. We suggest you mount the camera at 2 meters above the ground with the camera pointing at a downward angle 15 degrees. Be sure to avoid mounting the camera facing east or west as the rising and setting of the sun may produce false triggers and overexposed images. Ensure the front of your Security Light is clear of any branches and other debris so that your camera view or PIR sensor is not obscured.



1. Connect the Security Light to AC power



Please make sure your Security Light is rated for your voltage before connection. Incorrect voltage will damage the camera.



Blue wire for neutral.
Yellow/ green wire for earth.
Brown wire for live.

IMPORTANT

- Observe correct wiring as failure to do so will damage the unit and void the warranty
- We recommend using a supply that can be switched off if required. Once wired correctly, turn on the power.

- When connected, if the environmental brightness is not enough, the lamp will turn on for approximately 60 seconds, and the RED LED will be blinking for approximately 60 seconds to inform user to leave the capturing area, then it is ready for operation and will begin recording images once the motion sensor is triggered.

2. Replacing the halogen lamp if faulty



CAUTION: The halogen lamp can be very hot.

- Always disconnect the power to your Security Light before opening.
- Release the floodlight screw to open the floodlight cover.
- Carefully remove the Halogen lamp. It may be HOT.
- Insert a new Halogen lamp making sure you do not touch the lamp with bare skin. Halogen Lamp: Maximum 300W R7S
- Close the floodlight cover and screw together carefully.

Camera set up / getting started

1. Inserting SD memory card

- Use the hexagon key to release the screw from front cover, then rotate the front cover anti-clockwise to the end, and take the front cover out.
- After opening the front cover, insert the SD memory card into the SD card slot in the correct direction, as shown on the inside of the housing.
 - Do not force the SD card in
 - Make sure that the SD card is unlocked
- To remove the SD memory card, push the SD card in and it will spring out, now pull out the card gently.

Note: SD cards must not contain any other images and you must ensure that your Security Light is disconnected from AC power when adding or removing an SD memory card. Failure to observe these rules may result in malfunction and will void the warranty.

2. Testing the PIR coverage area

- a. In test mode the Security Light allows you to test the coverage area.
- b. After mounting and connecting your camera to AC power, the camera will turn on automatically.
- c. Slide the Camera switch to the TEST position, and the LCD display will show TEST.
- d. Whilst in test mode, each time the PIR sensor is triggered, the RED test indicator on the front of camera will flash to indicate a trigger. Walk around the coverage area to determine if your camera is suitably mounted.
- e. Adjust the position of your Security Light if necessary and repeat the testing until you have achieved the desired coverage area.
- f. When you have completed the coverage area testing, slide the Camera switch to the CAM position and the Security Light will start a 60-second countdown and the RED test indicator will blink (one second on, one second off). Please leave the coverage area within 60 seconds to avoid being photographed or videoed.

3. Settings

You can change the settings on your Security Light. The default values are shown below.

Please note after changing any settings, the test LED will blink and the Security Light will count down for approx. 60 seconds before arming.

<u>Setting:</u>	<u>Default:</u>	
Time:	12:00	HH:MM
Date:	01:01:10	MM:DD:YY
AE frequency:	50 Hz	50/60
Image capture interval:	1 second	01-99
Resolution:	High	High/Low
Image capture method:	Video	Video/Photo
Floodlight control:	Auto	Auto
Video recording time:	10 seconds	10-60

Your Security Light can be used straight away but before use you may wish to change some or all of the settings – please see the next section.

4. Setting the data and time

The Security Light uses the 24hr time format. Please slide the Camera switch to the CAM position.

- a. After mounting your Security Light (with SD card already inserted if required), connect the camera to the AC power. The camera will turn on automatically and will begin to count down and is ready to arm.
- b. Press and hold the SET button until the display shows T.



- c. Press the UP or DN button to adjust HOURS.
- d. Press the SET button again to confirm the HOURS. The camera will automatically go to MINUTES setting.
- e. Press the UP or DN button to adjust MINUTES.
- f. Press the SET button again to confirm the MINUTES. The camera will automatically go to DATE setting. The display will show D.



- g. Press the UP and DN button to adjust the MONTH setting.
- h. Press the SET button again to confirm the MONTH. The camera will automatically go to DAY setting.
- i. Press the UP or DN button to adjust the DAY setting.
- j. Press the SET button again to confirm the DAY. The camera will automatically go to YEAR setting.
- k. Press the UP or DN button to adjust the YEAR setting.
- l. Once you have completed the TIME and DATE settings, press and hold the SET button for 2 seconds to exit the TIME and DATE settings.

NOTE: *The DATE and TIME will stamp to captured images and first frame of video.*

NOTE: *Settings and images stored on internal memory may be lost in the event of a power failure. Always ensure you reset your Security Light after a loss of power.*

5. Setting the AE frequency to 60Hz or 50Hz

Please make sure the Camera switch is at the CAM position

- a. By adjusting your Security Light to reflect the AC power frequency, you will eliminate any flicker effect on captured images.
 1. For the UK this must be set to 50Hz.
 2. For the US this must be set to 60Hz.
- b. Press the SET button once, the display will show ESC.
- c. Press the UP or DN button repeatedly until the display shows AE.
- d. Press the SET button again to go to AE setting. The display will show 60Hz or 50Hz.



- e. Press the UP or DN button to change the AE setting to 60Hz or 50Hz, then press the SET button to confirm. The display will change back to show AE.
- f. Press the UP or DN button repeatedly until display shows ESC, then press the SET button to exit.

6. Setting the resolution

- a. Slide the Resolution switch to HI or LO. HI resolution is 12M image and LO resolution is 5M image. The resolution setting is also for Video recording.

★★ is high resolution 12M or 720P (1280 x 720 @ 30 fps) video recording.

★ is Low resolution 5M or VGA (640 x 480 @ 30 fps) video recording.

7. Set the Burst capturing and Video capturing

- a. Slide the Burst switch to 3P, the camera will take 3 photos per trigger.
- b. Slide the Burst switch to 6P, the camera will take 6 photos per trigger.
- c. Slide the Burst switch to AVI, the camera will take a video per trigger. Please check chapter Setting the capture interval time for video capture length.

8. Setting the capture interval time

Please make sure the Camera Switch is at the CAM position.

- a. Press the SET button once, the display will show ESC.
- b. Press the UP or DN button repeatedly until the display shows TO.
- c. Then press the SET button again to go into capturing interval time setting. The display will show To 01
- d. Press the UP or DN button repeatedly to adjust the capturing interval time from 01 to 99 seconds. Increment is 1 second.
- e. Press the SET button to confirm, and then press the UP or DN button repeatedly until the display shows ESC.
- f. Press SET to exit.

9. Setting the recording time

Please make sure the Camera Switch is at the CAM position.

- a. Press the SET button once, the display will show ESC.
- b. Press the UP or DN button repeatedly until the display shows Aut.
- c. Then press the SET button again to go into Video recording time setting. The display will show Aut 10

- d. Press the UP or DN button repeatedly to adjust the video recording time from 10 to 60 seconds. Increment is 1 second.
- e. Press the SET button to confirm, and then press the UP or DN button repeatedly until it shows ESC.
- f. Press SET to exit.

10. Delete the camera image/video

Please make sure the Camera Switch is at the CAM position.

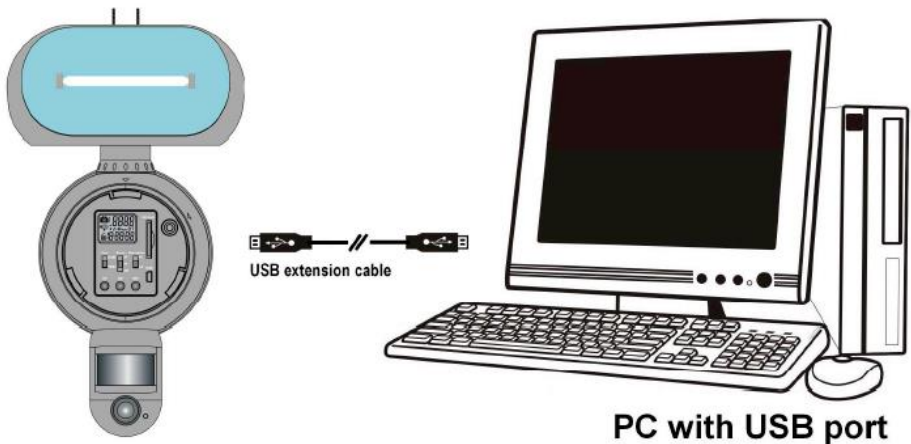
- a. Press the SET button once, the display will show ESC.
- b. Press the UP or DN button repeatedly until the display shows DEL.
- c. Then press the SET button again to enter the Delete setting. The display will show D-ONE.
- d. Press the UP or DN button repeatedly to select D-ONE (Delete Last One) or D-ALL (Delete All) or FT (format the SD card) or D-ESC (to exit the delete setting).
- e. Press the SET button to confirm and the display will show DONE.
- f. Press the SET button when the display shows D-ESC to exit the Delete setting.
- g. After exiting the Delete setting, press the UP or DN button repeatedly until the display shows ESC.
- h. Press the SET button to exit all settings, and the Security Light will start counting down for 60 seconds.
- i. Please fully close the front cover and lock it by using the provided Hexagon key.
- j. After the count down, if any object moves within the PIR detection range, the camera will capture images/videos automatically.

Note: Once an image or a video has been deleted, it cannot be recovered again.

Viewing images via PC

You can connect the Security Light directly to your computer to access the images/videos on the internal memory or SD card using the USB cable provided. Alternatively, you can use a card reader or a digital camera to read the SD card.

When you have connected the Security Light to your computer, it will be shown as a removable hard drive and you can use Windows Explorer to see your Security Light captured images or videos, and you can copy the images/videos to your PC or delete them using your PC directly.



1. Viewing images via your Security Light directly on your PC

- a. Open the front cover and release the screw by using the hexagon key.
- b. Slide the Camera switch to the CAM position.
- c. Connect the USB cable to your Security Light and then to a USB port on your computer. Your Security Light will automatically change to USB mode and the display will show "USB". The internal memory or SD card will now be shown on your computer as a removable drive.

Technical Specifications

1. System Requirements and Compatibility

- Windows 2000/Me/XP/Vista/7/8.
- Pentium 1GMHz or equivalent processor
- 32MB SDRAM or above
- VGA Video Card with 32MB RAM minimum
- Colour 32 bit or higher
- An available USB port
- 20GB free hard disc space.

If you have any questions regarding your PC specifications please refer to your PC manufacturer.

2. Features and specifications

- PIR detection angle 52 degrees and detection range up to 9M.
- Colour CMOS Image Sensor 5M pixels.
- Max Resolution: 12M pixels, 4000 x 3000 pixels.
- 3 Capture options: 3P or 6P burst capturing, and video recording
- Image performance for video stream: 30 fps at 640×480 pixels and 30 fps at 1280×720 pixels
- Built-in 32MB SDRAM for image buffer and image storage
- Built-in status LCD display
- Built-in SD card slot for SD memory card

- SD Card slot for additional storage, maximum memory size up to 16GB
- Built-in TEST indication to show the PIR coverage area
- Automatic exposure control, white balance and sharpness
- Auto Date & Time stamp, Stamp on video is on first frame.
- High precision 4 piece glass lens with IR coating
- Focusing: 1.5m (minimum) to Infinity
- Effective viewing angle: 48 degrees
- Built-in USB plug for PC access
- Interface type: USB 2.0
- Image format: JPG, Motion JPEG
- Powered by AC 110V or 220V (subject to requirement)

- Floodlight tube is 300W R7S
- Auto light sensor
- Product measurements: H300×W170×T85mm
- Weight: 1.2 kg
- Operating Environment: -10 to 40 C° (14 to 104 F). 20-85% relative humidity, non-condensation

Disposal



The device must not be disposed of together with domestic waste. If you want to dispose of the device, do it in an environmentally friendly way by taking it to a public waste centre.



The packaging material is partly recyclable. Dispose of the packaging in an environmentally friendly way by taking it to a public collection centre.



Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.

This does not affect your statutory rights.

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AFTER SALES SUPPORT

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 1890 917 060

MODEL: 63795

3

YEAR WARRANTY

HOME PROTECTOR
SAFE AND SECURE

SECURITY LIGHT WITH CAMERA

Your details:

Name _____

Address _____



_____ E mail _____

Date of purchase* _____

* We recommend you keep the receipt with this warranty card

Location of purchase _____

Description of malfunction:

Return your completed warranty card to:

Telemarcom Service Center UK

1, Langlands Court

Kelvin South Business Park

East Kilbride,

G75 0YB

United Kingdom

E-mail: accessionx-uk@teknihall.com

AFTER SALES SUPPORT



GB 0333 200 5846



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www.accessionx.com

MODEL: 63795

Phone lines available Monday to Friday, 8am - 6pm.
Calls cost 5p per minute from a landline, calls from
mobiles may vary.

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YEAR WARRANTY