

**Instructions for:  
Professional Black and  
White Multi-camera PIR  
CCTV System  
GCCTV1004BW**

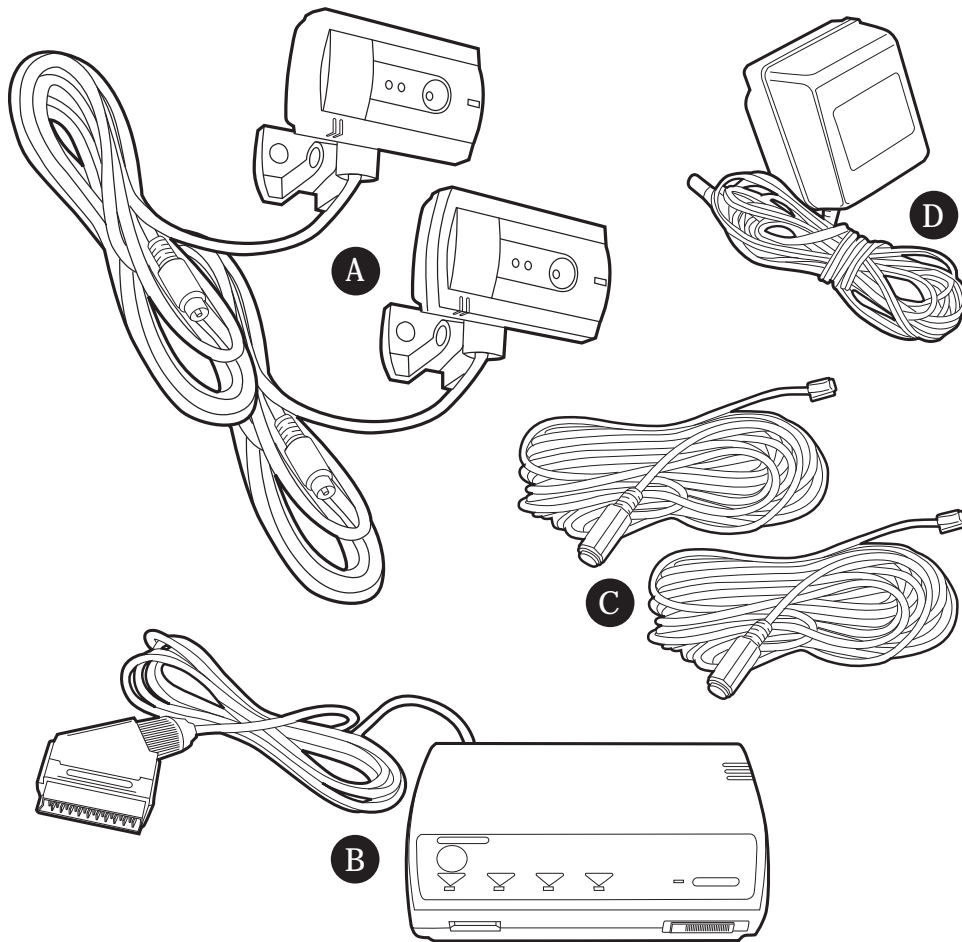
**Professional Colour  
Multi-camera PIR  
CCTV System  
GCCTV1005C**

**Contents  
Black and White System**

- 2 X Black and White PIR camera with 4 metres cable and 6 pin din connector. **(A)**
- 1 X 4 Way Multi-camera control and SCART lead. **(B)**
- 2 X 15 metres CCTV camera cable (6 Pin din to RJ11). **(C)**
- 1X 10.5V 350mA DC mains adaptor. **(D)**
- 1 X Fixing Kit instructions.

**Contents  
Colour System**

- 2 X Colour PIR camera with 4 metre cable and 6 Pin din connector. **(A)**
- 1 X 4 Way Multi-camera control and SCART lead. **(B)**
- 2 X 15 metres CCTV camera cable (6 Pin din to RJ11). **(C)**
- 1 X 10.5V DC mains adaptor with 2 metre cable and connector. **(D)**
- 1 X fixing kit and instructions.



Congratulations on purchasing a GET Home / Workplace CCTV System. The camera is compact and designed for both outdoor and indoor use. The Black and White camera is equipped with Infra - Red LED's that allow you to see in the dark in close proximity to the camera position. (We recommend additional lighting to be installed if you wish to cover a larger area of view). Colour Cameras require additional lighting for night time operation.

We advise that you read these instructions before installing the system even though it is a plug in and play system. The system easily connects to any standard TV or VCR with a SCART socket.

It allows you to see and hear events at the camera location by simply tuning your TV or VCR to an AV channel.

The Black and White - Colour Multi-camera PIR systems are ideal for monitoring or protecting your home, place of business or areas you wish to observe;

- + Door entry
- + Safety of children
- + Car observation
- + Visitors to the premises

Please read and follow these instruction / operations so the instalation process is quick and trouble free for you. Keep for future reference.

**Explanation of terms used in these instructions.**

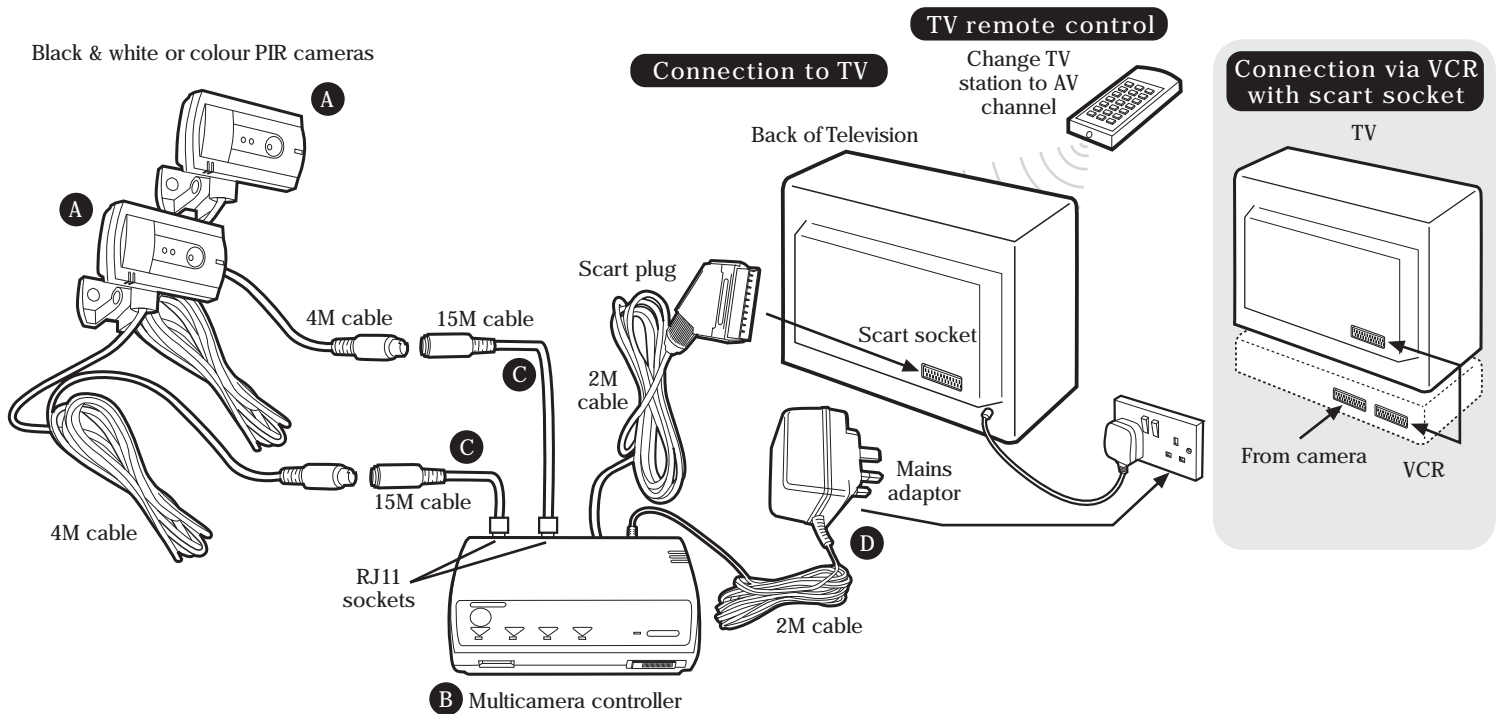
CCTV	Closed Circuit Television
Power jack	Type of connection used
SCART	Type of Socket used on televisions in Europe - VCR units to input/output of audio and video signals.



Infra-red LED's	Light emitting diodes that work on the infra-red spectrum. (Invisible to the human eye).
TV	Television
VCR	Video cassette / recorder
1 way sound	A microphone within the CCTV Camera that transmits sound from the camera position.
RF	Radio frequency.
2.4GHz	The transmission and receiving frequency.

## Quick set up installation

To satisfy your curiosity we suggest you dry run the connections of the component parts before you start to install the CCTV system. Follow the diagram connections below.



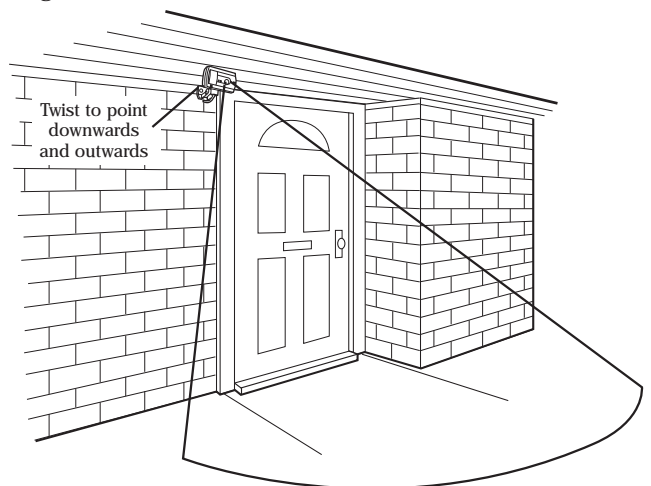
## Tools Required (Not Supplied)

1. 5mm masonry drill (If mounting camera on a brick wall)
2. Long 12mm dia masonry drill (If you plan to run camera through the house wall) or a 12mm wood bit (If you are drilling through the wooden door surround)
3. Flexible sealant (To seal gaps around drilled holes)
4. Small cross head screwdriver
5. Small hammer (To fix cable clips)

## Planning your system layout

Carefully plan where and how you will position the camera and the route the cable will take to the television. Select a camera location that provides an unobstructed view of the area you wish to monitor. The camera cable should be run directly indoors to provide the maximum protection from being cut.

The cameras are weatherproof to IP45, however if you can protect the camera from the extremes of weather, i.e. under a porch, then do so.



Try not to position the camera so that it is facing directly at the sun as this will affect the picture quality. Remember the changing positions of the sun during the year.

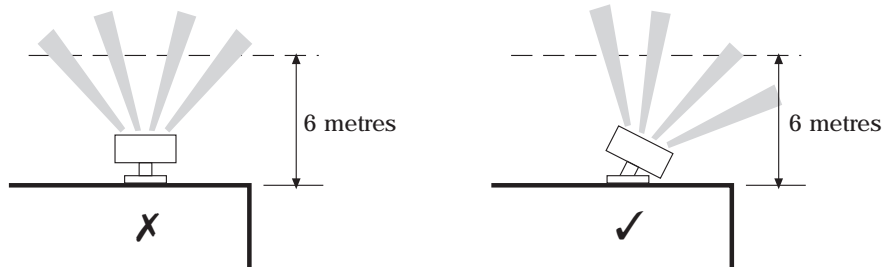
Note! Colour CCTV cameras have limited picture visibility in the dark, even Black and White cameras with infra-red LED's have a limited range of view at night.

We recommend that you install an outside incandescent 100W lamp or a small PIR halogen security floodlight to improve the ambient light and view seen by the camera. We suggest you install the CCTV system first and see if the end result is sufficient to your needs / expectations.

## 1. Planning your system layout (continued)

The CCTV system you have purchased is fitted with a passive infra-red sensor. PIR sensors operate by sensing heat and movement. You should site the camera at angle to path or direction of callers to your door / area covered.

### Positioning for best PIR operation

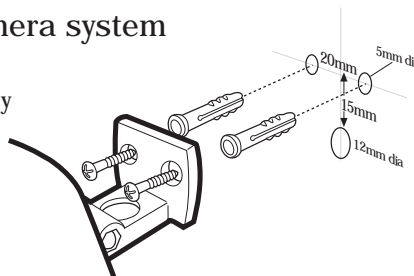


PIR sensors operate more effectively if the person approaching walks across the sensor field of view.

Each time a person walks into the PIR field of view it will automatically change over your TV channel to show the camera picture for 15 seconds, or as long as the PIR is triggered. Please Note! Automatic channel changing will only operate if the camera is directly connected to your TV SCART socket. (Some TV's on the market will not allow this function).

## 2. Mounting and installing the camera system

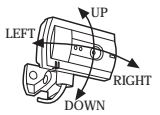
1. Use the bracket of the camera to mark out locations above head height for the masonry plugs. Mark a third position for the cable entry on a vertical centre line between and 15mm lower.



## 2. Mounting and installing the camera system (continued)

2. Drill all three holes and fit masonry plugs supplied to the top two holes. Thread the 4 metres of power cable through the 12mm dia hole. (Use a flexible sealant to seal any gaps). Screw the camera to the location chosen.

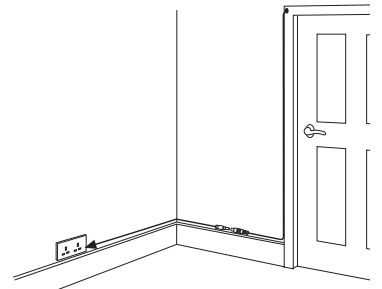
3. Adjust the camera angle by twisting the camera up / down and left/right until you are covering the area to be observed.



4. Inside the home now connect the din connectors from the cameras and 15 meter lead. The din pin plugs will only locate in one position, however care should be taken not to damage the pins.



Power jack lead connectors

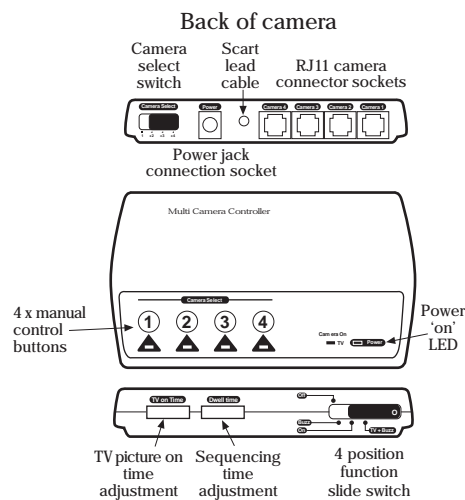


## 3. Mounting and installing the camera system (continued)

- 4A. Run the cable from each camera fixing as you go with the cable clips supplied to the multi-camera controller (This should be sited close to the TV and power socket). The connections are by RJ11 plugs. Plug the RJ11 plugs into the first two terminals (1 and 2). (You can install up to four cameras in any mix of PIR, Basic Black and White or colour cameras to the controller).

5. The multi-camera controller will allow you to install up to four cameras via the RJ11 connections. Plug in the 10.5V mains adaptor jack plug into the socket on the back face of the controller. As your kit only comes with two cameras, set the camera select slide switch located on the left hand side at the back to +2. As and when you add extra cameras to your CCTV system then slide the switch along to cover number added.

The four buttons marked 1, 2, 3, 4 on the top of the controller allow you to manually select the camera picture you require to view. By rotating one of the dial switches on the front of the controller you can control the automatic sequencing dwell time 5 - 10 seconds and by rotating the second switch this changes the length of time the TV picture stays on screen from 5 - 30 seconds.



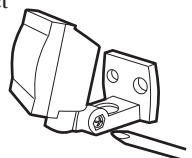
6. Connect the SCART plug from the multi-camera controller to the SCART socket on the TV.
7. If the SCART socket on your TV / VCR is being used by another appliance then you will need to use a SCART splitter to give yourself a spare SCART socket for the CCTV camera. (If you have to use a SCART splitter then the automatic channel change over is disabled).
8. Plug in the mains 10.5mA adaptor to a 13Amp 230V socket and connect the jack plug into the multi-camera controller.

9. Switch 'ON' the TV and mains adaptor. Change over the TV to the AV channel. You should now be able to see a camera picture. A four position slide switch slows you to set the operation of the controller:

OFF - All cameras off.  
BUZZ - Each time one of the cameras PIR sensors is triggered by a person approaching then you will hear a buzz noise when the TV is turned off.  
TV - Normal operation (Buzzer does not sound) TV channel automatically changes over.

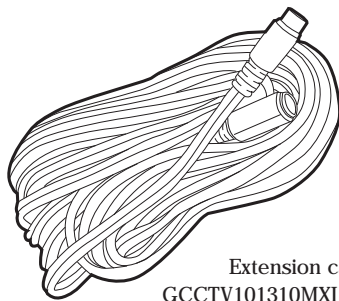
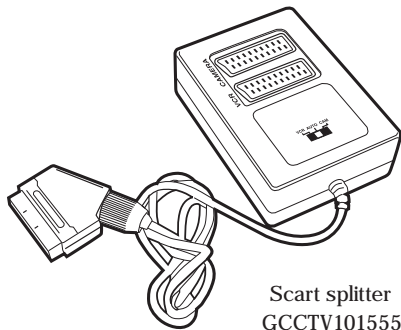
10. Using the TV remote and pressing the AV function, you can see the camera view at any time. Now change the channel back to a programme and ask a family member to walk in front of the CCTV camera, if your selected TV or TV + Buzz. The TV should automatically change over the channel to the camera view. (The PIR triggering the action). Note! This control unit is only suitable for indoor use.

11. Press the camera select buttons to check out each camera view, any you are not satisfied with adjust. Tighten the fixing screw on the camera bracket.



12. The controller will sequence through the sequence automatically only changing over your TV channel to show the camera picture when a PIR is triggered.
13. You can expand your CCTV system at any time by adding additional cameras (Black and White, Colour, Basic or PIR versions).

Accessories



WARNING

It is an offence under law (Data protection act 1998, Human rights act 1998) to site a CCTV camera where it intrudes upon a neighbours right to privacy or where it overlooks a public path / area. To stay within the law for your own protection you must display the CCTV in operation sticker supplied, in a prominent position.

Should you experience any difficulty with this equipment then please telephone the helpline provided;

**GET SMART Helpline:**  
**0870 6093059**  
Monday – Friday 9am – 5.30pm

Do not attempt to repair or open any part of the system yourself. Repairs by unauthorised persons will invalidate the guarantee.

GET products are subject to continuous improvement, GET and its subsidiaries reserve the right to modify the product, design, specification and prices without notice or incurring any obligation.

This CCTV system can provide valuable protection to your home or property. However the camera or any system linked to it cannot guarantee protection against burglary, vandalism or robbery. The manufacturer, distributor, or supplier will not be held responsible for any loss or damage, which may occur.

Troubleshooting

Problems

Solution

Picture does not appear.

Check that the mains power supply is Connected and switched on.

Check that the camera is correctly Connected to the TV or VCR.

Check that all connections are correctly made

Check that the TV AV channel has been correctly selected.

Camera will not automatically Change over TV channel

Multi-camera controller is switched to 'OFF'.

Picture is very white

Check that the camera is not pointing at the Sun or any other source of bright light.

Picture is too dark

Add exterior lighting or move the camera to cover an area with increased illumination.

Picture is not level on TV

Check the camera is level on mounting bracket.

Squealing noise can be heard on TV

This is electronic feedback and means the camera is too near to the television.

Remember your camera has one way sound so you will be able to hear on your TV the sounds from the camera location.

Questions

Answers

Can I connect other makes of camera to this system?

No, only GET cameras and CCTV equipment are compatible with this system. (Please consult the GET SMART helpline)

Can I connect this system to a VCR

Yes, but the VCR will not automatically record the cameras views. You will have to set this up manually.

A. How do I record the camera views on my VCR?

Select the channel on your VCR that is tuned into the CCTV system and record as normal.



GET PLC, Key Point 3 – 17 High Street, Potters Bar, Herts. EN6 5AJ England.

**GET SMART HELP LINE**  
**TELEPHONE:**  
**(0044)(0)870 609 3059**