

# ***Response***<sup>™</sup>

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## **Wired Colour Camera CCTV Kit CWK1**

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### **Installation and Operating Instructions**

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These instructions should be retained in a safe place for future reference.

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The Response Wired Colour Camera is a colour, weatherproof day/night camera. The camera easily connects to your TV/VCR/DVR for the protection of your home or office, etc. The camera is easily mounted on the wall or ceiling using the supplied mounting bracket.

**Please read before you start:**

Always use discretion when installing CCTV surveillance equipment especially when there is perceived policy. Enquire regarding local regulations applicable to the lawful installation of video recording/surveillance. Third party consent may be required.

## **SAFETY AND INSTALLATION TIPS:**

Do not attempt to open the camera unit with the power adaptor plug connected to avoid any risk of personal injury.

When installing CCTV camera(s), always follow manufacturer's advice when using power tools, steps, ladders, etc. and wear suitable protective equipment (e.g. safety goggles) when drilling holes, etc. Before drilling holes through walls or ceilings check for hidden electricity cables and water pipes. The use of a cable/pipe detector is advisable.

When installing this camera, it is advisable to use cable conduit to protect any video/power extension cables from being exposed externally and to prevent/reduce the chances of the cables being tampered with. After drilling any hole through an external wall for a cable, ensure the hole is sealed up around the cable using a sealant to prevent drafts.

To prevent a fire or electrical shock hazard, do not attempt to open the housing while the unit is exposed to rain, water or wet conditions. There are no user serviceable parts inside. Refer servicing to qualified service personnel.

## **NIGHT VISION:**

The camera has built-in infra-red LEDs to allow you to view at night for 24hrs surveillance. The LEDs will automatically activate at night and the picture viewed will turn to black and white.

- 1 x Wired Colour Camera
- 1 x 10m RCA (male plug ) to RCA (male plug) extension cable
- 1 x 12VDC power supply adaptor
- 1 x Camera fixings kit - wall plugs and screws
- 1 x Installation and operating manual
- 1 x Window sticker

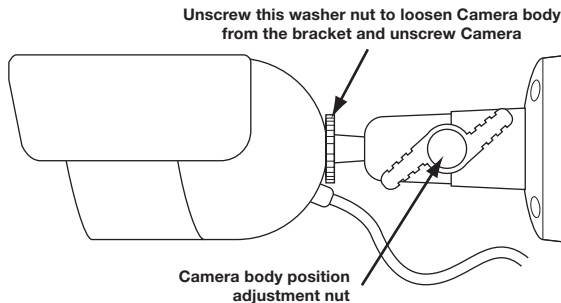
## Tools Required:

- Electric drill
- 5mm masonry drill bit
- 20mm masonry drill bit
- No. 2 Philips screwdriver
- 3mm flat blade screwdriver

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# INSTALLATION

1. Remove the bracket from the camera by unscrewing it from the main body as shown below:



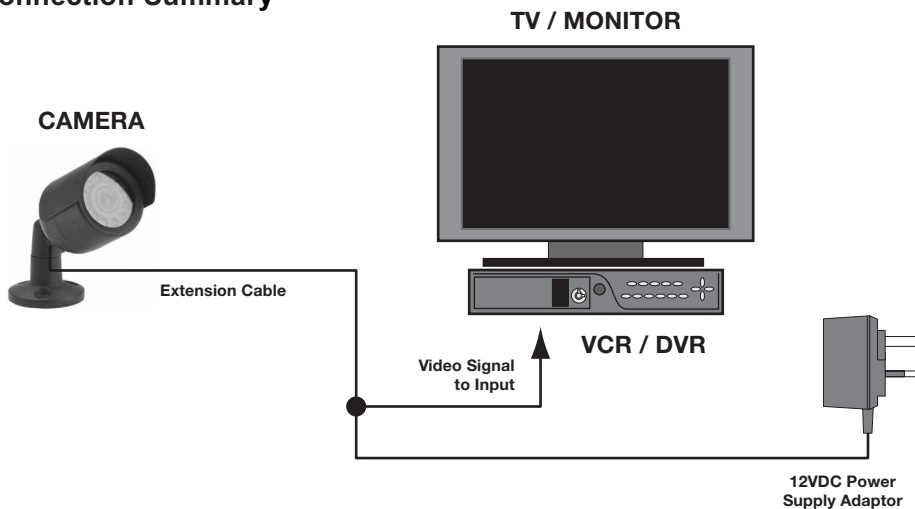
2. Use the base of the camera's bracket to mark out the 3 mounting holes on the chosen surface. Mark out a hole for the cable connectors to pass through into the property next to the camera.

**Note:** It is recommended to pass the cable into the property as close to the camera as possible to reduce the chances of any exposed cables being tampered with. If you

choose to run the cable along the wall outside the property, it is recommended to use cable conduit to hide the cable and reduce the chances of it being tampered with.

3. Drill 3 x 5mm mounting holes for the bracket's wall plugs and 1 x 20mm hole for the camera's power and video connectors to pass through the wall or ceiling.
4. Install the camera bracket using the supplied plugs and screws.
5. Feed the video/power leads through the hole in the wall or ceiling, starting with the largest connector, and then refit the camera on to the bracket and adjust the position of the camera body as required by loosening the adjustment screw.
6. The camera is supplied fitted with a 1m cable terminated with a RCA female plug and a female power connector.
7. Connect the male end of the power connector from the extension cable into the camera along with the male RCA connector.
8. Connect the RCA video end of the extension cable into video input of your TV/VCR/DVR.
9. Tune your TV/VCR/DVR to auxiliary (AUX), A/V or video mode to view the camera.  
*(Note: Refer to your TV/VCR/DVR's owner's manual for setting this up).*
10. Adjust the camera again if necessary to the desired viewing angle.

## Connection Summary



**Note:** If the supplied extension cable is not long enough, the extension cable for this camera can only be extended up to **30m** in total length due to power loss.

PROBLEM	SOLUTION
<i>No picture can be viewed</i>	The power supply adaptor is not plugged in. The TV/VCR/DVR is not tuned to view the correct channel.
<i>Poor picture quality</i>	Clean the camera lens. Adjust the contrast/brightness on the TV.
<i>Some colours viewed by the camera do not appear to look like true colours</i>	The camera's lens is a CMOS type sensor. Its limitation is that it will not produce all colours viewed outside accurately.
<i>A white image appears at night</i>	The camera's infrared LEDs shine invisible light that reflects off surfaces such as glass causing white light. Place the camera on the other side of windows or place the lens of camera flush against the window to try to improve the night vision or place the camera in a well lit area.

<b>ITEM</b>	<b>WIRED COLOUR CAMERA</b>
Image sensor	1/4" colour CMOS
Video format	PAL / NTSC
Pixel resolution	PAL: 628 (H) x 582 (V) NTSC: 510 (H) x 492 (V)
Horizontal resolution	380 TV lines
Minimum illumination	0 Lux when the IR lamps are turned on
Viewing angle	50°
Lens size	6mm
Night vision range	Up to 9m
Number of infra-red LEDs	11
IP rating	IP54
Operating temperature	- 10°C to 55°C
Power supply	12VDC/300mA
Cable type connections	Fitted with 1m video cable terminated with female RCA and female jack (power) plugs
Dimensions (W x D x H)	50 x 50 x 135mm
Weight	280g

There are a range of accessories available in the Response CCTV product range to expand your system:

CA1	2 Channel Digital Video Image Recorder
CA2	LCD Screen for Wireless/Wired CCTV Kits
CWFK1	Wireless Colour Camera CCTV Kit
CA3	Wireless Colour Accessory Camera <i>(requires CWFK1 CCTV KIT to operate)</i>
CA5	Professional Heavy Duty Camera CCTV Kit
CA6	Dummy Professional Heavy Duty Camera
CA7	4 Channel Digital Video Image Recorder
CA8	Wired Internal Colour Dome Camera CCTV Kit
CA9	Dummy Internal Dome Camera
CA10	Heavy Duty Colour Camera CCTV Kit
CA11	Dummy Heavy Duty Camera
CA4	10m Extension Cable Kit
CA12	20m Extension Cable Kit

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## DISPOSAL – RECYCLING INSTRUCTIONS

### Directive (2002/96/EC)

This product is classified by the Waste Electrical or Electronic Equipment (WEEE) Directive. It should not be disposed of with other household or commercial waste. At the end of its useful life the packaging and product should be disposed of via a suitable recycling centre. For information on available facilities, please contact your local authority or the retailer from where the product was purchased.



Novar ED&S undertakes to replace or repair at its discretion goods (excluding non rechargeable batteries) should they become defective within 1 year solely as a result of faulty materials and workmanship.

If the product has not been installed, operated or maintained in accordance with the instructions, has not been used appropriately or if any attempt has been made to rectify, dismantle or alter the product in any way the guarantee will be invalidated.

The guarantee states Novar ED&S entire liability. It does not extend to cover consequential loss or damage or installation costs arising from the defective product. This guarantee does not in any way affect the statutory or other rights of a consumer and applies to products installed within UK and Eire only.

If an item develops a fault, the product must be returned to the point of sale with:

1. Proof of purchase.
2. A full description of the fault.
3. All relevant batteries (disconnected).

Response is a trademark of Novar ED&S.

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## CUSTOMER HELPLINE

**Most issues can be solved over the phone in a few minutes.**

**Please contact our Helpline Team on the number below for any installation and general advice regarding our products:**

# 0844 736 9149

Lines open 9.00am to 5.00pm, Monday to Friday.

Calls charged at service providers national rate.

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