

## Accessories For Your Camera

- CT200** 4 Way Camera Switcher
- CT210** Wide Band TV Modulator
- CT230** Time & Date Generator
- CT250** 15 Metre Extension Lead

For any further information on Voltek camera products or accessories please contact Voltek sales line.

## SPECIFICATIONS

|                 |                       |                                    |
|-----------------|-----------------------|------------------------------------|
| Camera          | Operating Voltage     | 12V dc                             |
|                 | Current Consumption   | 300 mA Max                         |
|                 | Camera Type           | 1/3 " Sony Super HAD CCD           |
|                 | Horizontal Resolution | 380 TV lines,                      |
|                 | Lens                  | 4.3mm (78 ° viewing angle)         |
|                 | Minimum Illumination  | 0.3 Lux F1.2 / 0 Lux IR On 10m Max |
|                 | IR LED                | 12 Unit 850nm                      |
|                 | Video Signal Output   | 1Vpk-pk Comp Colour PAL            |
|                 | Operating Temperature | -10°C to +40°C                     |
| Weatherproofing | IP54                  |                                    |
| Power Supply    | Input Voltage         | 220/240V ac 50/60Hz                |
|                 | Output Voltage        | 12V dc                             |
|                 | Output Current        | 300mA (max)                        |
|                 | Weatherproofing       | IP30 (Indoor use only)             |
| Camera Lead     | Cable Type            | 4 core alarm cable                 |

## WARRANTY

This product has a twelve month manufacturers parts and labour warranty. In the unlikely event that you encounter a problem with this product, please telephone the Voltek helpline on 09066 191 133\*. Should the problem not be able to be resolved over the telephone it should be returned to the place of purchase or direct to Voltek.



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\*Helpline call cost 60p/minute. Open 9am to 5pm, Mon to Fri.

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# INSTALLATION

## VPCDN1 KIT Day Night Camera Kit

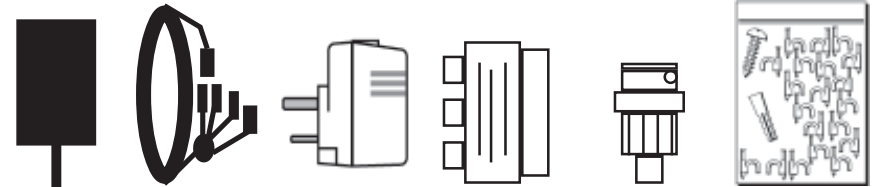
Thank you for purchasing the VPCDN14.3 Day Night Camera Kit. Please study these instructions carefully before attempting to operate the unit. The camera kit will connect to any Monitor, Television, DVR or Video Recorder that has a Scart, Phono or BNC socket. The camera gives high quality pictures allowing you to watch the desired area such as the drive way, garden, baby room, office etc.

## PRODUCT FEATURES

- Simple plug-&-go connections for a fast and simple installation.
- Full pan and tilt adjustment so that you can watch your desired area easily.
- Easily connected into an aerial distribution system using the CT210 UHF modulator, allowing you to see the camera picture on any television throughout the property.

## PACKAGE CONTENTS

Please check all the parts before proceeding with the installation.



Camera with  
30CM Phono  
lead

18 metre  
Phono lead

12V Power  
Supply

Scart  
Connector

2 x BNC  
Connector

Fixing Kit

# INSTRUCTIONS

## INSTALLING THE CAMERA

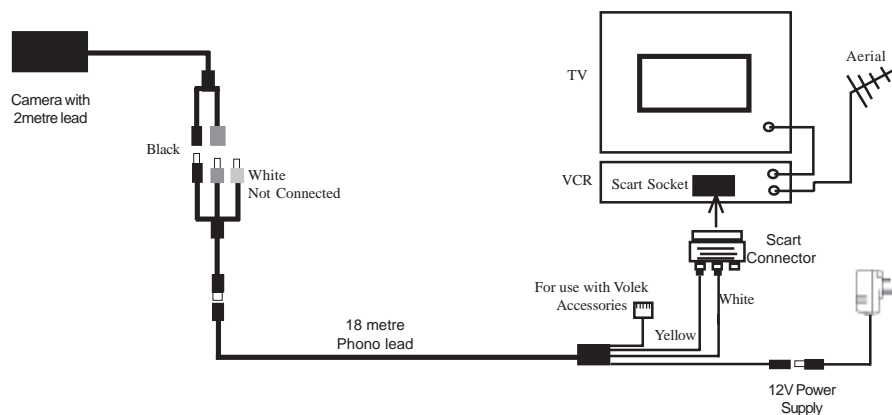
Before you install the camera and cables, we recommend that you temporarily connect the camera to your Monitor/TV (television) or VCR (video cassette recorder) to help determine the best position for the camera.

The camera will connect to a spare Scart socket or phono socket on your TV or VCR.

If you do not have any spare sockets, you will need to purchase either a AV Switcher; or a CT210 Channel Converter available from all good audio/video retailers. Please see the instructions supplied with the switcher / modulator for details on how to connect the camera.

There are two main ways in which the Camera may be connected to your TV / VCR. See the methods below and choose the method most suitable for your installation.

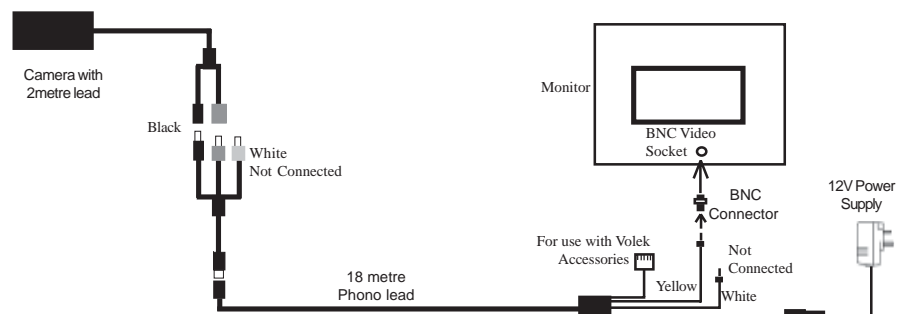
### CONNECTION METHOD 1



To view the camera picture;

1. Switch on the TV, VCR and power to the camera.
2. Select the VCR channel on your TV ( the channel you normally use for watching video tapes).
3. Select the AV input on your VCR to view the camera picture. Note some models of VCR use channel 0 for the AV input. See the VCR instructions for further details.

### CONNECTION METHOD 2



### POSITIONING THE CAMERA

The camera is suitable for indoor or outdoor use. Please bear in mind the following points when choosing a mounting position.

- The camera must be positioned so that it will not point directly into the sun (sunrise and sunset) or any bright light or any very bright light. This may cause damage to the camera.
- The camera must be positioned so that it will not point directly into the sun (sunrise or sunset) or any bright light. This may cause damage to the camera.
- The best viewing angle is achieved when mounted at approx 3 to 4 metres high, with the camera pointing downwards.
- Avoid viewing areas where half the area is in bright sunlight and the other half is dark, such as in the shadow of a building. All types of cameras have difficulty in 'seeing' with such a large lux level variation.
- Ensure a light is fitted near to the camera for night-time operation.
- The camera cable supplied may be extended up to approximately 100 metres.

When laying the cable, please bear in mind the following points.

- Keep the cable away from other cables where possible to reduce the risk of picture and audio interference.
- Avoid laying the cable next to anything which runs hot which could burn the cable. If the cable is run along the ground, a protective covering must be used to prevent damage to the cable.