

The CCT660 high resolution 500TVL colour Infra Red dual voltage camera utilises a Sony 1/3" Super HAD CCD, a long reach 9mm ~ 22mm IR lens and is fitted with 42 super sized 10mm IR Leds providing visibility up to a staggering 60 metres. The unit is vandal proof and waterproof and incorporates a mechanical day/night filter producing night images at 600TVL.



### Special Features

- ü Tube Style camera
- ü Free cable managed bracket
- ü 42 x 10mm Infra-Red LEDs
- ü 12vDC or 24v AC dual power input
- ü All Metal construction & waterproof
- ü Mechanical Day/Night IR filter
- ü 500TVL Day – 600TVL Night
- ü Less than 0.05 Lux

### Special Functions

- ü Iris Control
- ü Dual Power
- ü Focus Control
- ü Zoom Control

The CCT660 is an attractive heavy duty external high resolution tube style camera with a free cable managed wall bracket. The camera is made of a heavy metal construction and comes in a dark metallic grey colour ideal for use on an industrial unit, shop or at home. The camera is fitted with a 9mm ~22mm lens for those long reach views. 42 x Super size 10mm LEDs provide IR light to reach 60 metres. This camera is dual powered – works on 12vDC or 24v AC (note that camera is not polarity sensitive so must be connected to correct polarity.)


A fly lead connection provides a BNC video and a special power connector for connecting a terminal connector. A separate 2.1 mini jack plug on a short two way lead is also provided that can be fitted into the terminal connector. The camera is supplied with a sunshield to help the camera operate outdoors in bright conditions.

### Connectivity


This camera is dual voltage. It can run on 24vAC or 12v DC. The camera is shipped to work in 24v AC mode. Before connecting power, unscrew the DUAL POWER cap on the back of the camera to check the setting.



### 24v AC mode

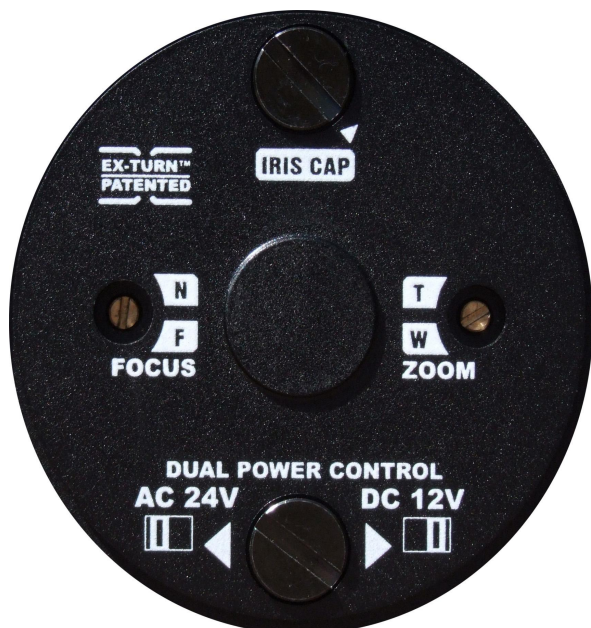
Remove the DUAL POWER cap on the rear of the camera. In 24v AC mode switch =  Connect a 24v AC 2A power supply. The POW600 is recommended for this product.

### 12v DC mode

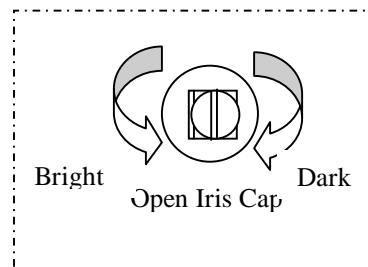
Remove the DUAL POWER cap on the rear of the camera. In 12v DC mode switch =  Connect a 12v DC regulated 1.4A power supply. The POW505 is recommended for this product. **Note this camera although dual voltage is not polarity sensitive and therefore must be connected to correct polarity when in 12v DC mode.**

### Installation

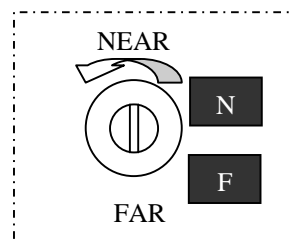
Fit bracket to wall using the wall plugs and screws provided. The unit must be fitted to a secure structure as load bearing on the camera and bracket is over 10Kg or 22lbs. Pass connecting cables through bracket and fit to camera. Now secure camera to bracket mounting, ensuring rubber seal is fitted directly to camera base. Finally adjust the camera angle by unlocking camera neck locking key using Allen key supplied and re-tighten when adjusted. Now adjust focus and zoom controls located on the rear of the camera.



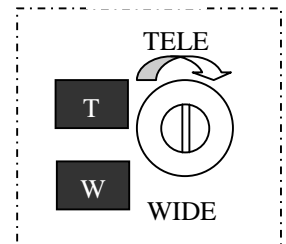
IRIS CONTROL



FOCUS



ZOOM



### Technical Specifications

Specifications	CCT660 External Long Reach I.R Tube Camera
Image Sensor	1/3" Colour Sony CCD
Video Output	1.0v p~p composite 75ohms
Resolution	500 TVL /600 TVL night
IP Rating	IP=67 (Weatherproof, Vandalproof, Rustproof)
Power	Max 980mA use 24v AC 2A psu or 12v DC 1.4A regulated psu
Construction	Aluminium
Day/Night	True Day/Night – switches to black & white mode
Standard Lens	9 ~ 22mm IR Lens
DAIL Glass	Dual Anti-IR LED Reflection Glass
Minimum Illumination	0.05 lux (IR Leds off)
LEDs	42 x 10mm 200mA Double chip visible IR Leds (850nm)
Fly Lead	Video BNC / Power connector & 2.1 Mini Jack
Dimensions	195mm L x 147mm H x 147mm D

### Special Notes

1. Infrared light is polarised light and therefore acts rather like a torch beam with a narrow angle of illumination. Although this camera is fitted with a 9mm ~ 22mm lens it may be necessary to provide additional infra red lighting.
2. When this unit is in use, avoid direct eye contact with infrared lights. Do not use this camera in temperatures below -20° C or higher than +60° C or where humidity is greater than 95%.
3. Do not use strong detergents or abrasive cleaning fluids to clean the glass on the camera. Use only mild soapy water and a soft cleaning cloth.
4. Do not open the cover of this camera as it will damage the waterproof seal. Ensure that if the camera requires attention that the installer is contacted.
5. If this camera is positioned in direct bright or strong light, it may impact the quality of the images captured. The sun shield on the camera will help to protect this.

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