

CCD 151 Camera

Overview

The CCD 151 video camera is the top end solution for image capture within the Securit software catalogue. It requires that the PC is fitted with an Image Capture card, and can come with a DirectX grabber card when purchased from Securit World. It is the intended replacement for the CCD 400, which has been discontinued.

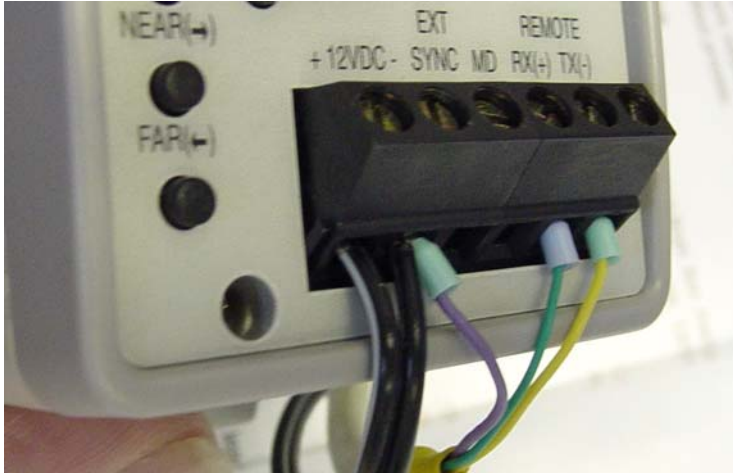
The camera requires an external power supply, a free COM port on the PC for remote camera controls and an S-Video cable to carry the video signal from the camera to the PC.

Installation

The DirectX board is installed as per the .pdf file 'Installing DirectX PCI Card.pdf'. Once this is complete, the file 'CamGrabberDirectX_PCI_v2[1].20.exe' needs to be run. This installs the plug-in for the Securit software that enables live capture using the camera. During the installation, you will be asked to select the camera in use. Choose the 151 camera, and accept the defaults for the rest of the installation.

Connecting the Camera

Connecting the camera is relatively straightforward. You will need a small flathead screwdriver for this, unless we have prepared the camera ourselves. Read the label on the COM cable for the locations on the camera that the ends need to be fitted to – see the image below for an example.



The power supply connects to the first two connections on the left hand side of the connection block, with '+' being the leftmost of the two. The '-' is to the right of this, and this connection is shared with whichever of the cables is labelled on the COM cable for this location. The colours of the cables may change, hence no more specific information than this. We always recommend checking the label on the COM cable before fitting.

The other two ends of the COM cable are for the far right hand side connectors, which offer the remote control abilities of the CCD 151.



NOTE - **DANGER**

As the camera requires that the cables for the power supply be stripped and screwed into position, it is essential that this is done with the appropriate amount of bare core. No bare core should be visible outside the connector block. Once all the cables are connected to the CCD 151, the plastic tie-wrap should be affixed to the underneath of the camera and the cables tied in place, so that in the event that the cables are pulled, they will not be released from the back of the camera. **Failure to do this may result in the possibility of electric shock.** Securit World Ltd takes every precaution to ensure that the cables are fitted before shipping, but this is not always possible. This information is provided in case that some customers may need to replace the cables on their own.

