KOVERT 420 TVL Colour Board Camera

The Kovert HiRes Board camera produces excellent quality images. It provides fantastic colour representation and a very clear image. This 12v DC camera is available with either 3.6mm or 6mm lens and comes complete with a fly lead for power and video.

Camera Use

The board lens comes in two sizes. The PCB404 comes with a 3.6mm lens and the PCB406 comes with a 6mm lens. The 3.6mm lens gives a wider angle view whereas the PCB406 gives a narrow but larger view and is probably more suitable for monitoring drives, paths or narrow house entries.

Mounting the Camera

These board cameras come with four fixing holes at the corners of the board. This camera can only be used outdoors if fitted in a waterproof housing or container.

Powering the Camera

This board camera requires a 12V DC regulated power supply. The camera is provided with a combined power and video fly lead, with BNC video and 2.1 Jack plug for power. The Centre core of the jack is (12v +) live and the outer is the ground. The BNC connector is for video and there is no audio on this camera. It is recommended to use a power supply that is rated higher than the current consumption of the camera i.e. POW120 would be adequate for powering three or four cameras, but when powering more you must look at the bigger power supplies to prevent the PSU from running at its maximum rating for long periods of time. If you are using the Easy Connection Kits that comprise of the (CCT801/802/808/809) to power and connect your camera (12V models only) please proceed as per the instructions supplied with The Easy Connection Kit. If you need to cut off the DC Plug and use the bare wires to connect through a terminal block ensure the camera is connected with correct polarity. The 12V positive is the RED live wire and the 0V is the BLACK wire.

Connecting the camera to control equipment.

The board camera comes with a fly lead for power and video. Remember that the Video out from the camera is like any other electrical circuit and requires two wires to complete the circuit. When using a coax type cable such as RG59 or similar for video, the outer braid of the coax provides the "0v GROUND" connection which should be connected to the power supply 0v and the inner core provides the "Video" (yellow) connection

Camera Specifications
1/3" Colour 420 TVL CCD
1$V_{pk\sim pk}$ 75 ohms
0.5 Lux
12V DC 100mA approx
3.6 /6.0mm board lens
38 x 38 x D30mm
Electronic Iris Control
Auto White Balance
SN Ratio > 50dB
Operating Temp. -13°C ~ +55°C

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This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.