ANPR3 HD-TVI 1080P camera with 5-50mm lens

Thank you for choosing to purchase this camera from CCTV42. We have developed it so that you can film vehicle number plates on your DVR recorder both during the day and at night. It is designed to get around the problem of reflective number plates bleaching out at night.

The camera has an effective range of up to 75 metres when fully zoomed in.

The camera films in black and white all the time and at night you will not see an overall image, just vehicle number plates and other very bright objects.

For best coverage we suggest you use this camera in conjunction with a standard camera which will film colour during the daytime and also give an overall view at night, all be it with number plates bleached out.

Setting up the camera is relatively straightforward.

Fit the camera so that it films vehicles as straight on as possible. Do not fit the camera too high from the ground, it needs to film along the ground as much as possible.

Zoom the camera in sufficiently so that you can read the number plate. Carefully adjust focus. As a guide the maximum width you can film and still see a number plate will be about 6-8 metres.

To fine tune the camera you are balancing the brightness of the built in infra red with the shutter speed. IR brightness is controlled using the small cross head potentiometer behind the round disc under the camera. There is a tool for removing this disc included with the fitting kit. Use a small screwdriver to adjust the potentiometer. Clockwise to darken, anti-clockwise to brighten. Be careful not to over adjust past the end stops or you will damage the camera.

Access the shutter speed via the On Screen Display menu. Press the OSD button, also located behind the round disc under the camera. Move up or down until "**Exposure**" is selected and push.

"**Shutter**" should be set to manual, move left or right to alter. When "**Manual**" is selected push the OSD button to display **Shutter speed**. This should be set to 1/2000th as a starting point. Move left or right to alter.

"**AGC**" should be set to about "5". Too high and there will be a lot of noise on the image.

"**Sense Up**" can be set to "0" or "x2". Move left or right to alter.

Highlight "**Return**" then press the OSD button.

Highlight "**Exit**" and press the OSD button to save settings.