RE-TCN3xxx (smoke detector) RE-TCN8xxx (motion sensor)

Product description

This range of analog cameras is designed for hidden surveillance applications. The cameras are hidden in fake fire and burglar sensors not working.

Connections and controls

- **mounting - The RE-TCN3xx cameras are fixed on the ceiling, typically in a corner of the** room to be monitored. The RE-TCN8xx cameras are mounted on the wall with their bracket to be hooked on the back of the sensor. The assembly is carried out with dowels.

- **BNC video output**

At the BNC female bayonet connecting the video cable that leads then to monitor or DVR typically using RG59 coaxial cable and BNC connector. Yes they can also use twisted pair cables with balun converters.

- **pin DC12V We must connect a 12VDC power supply stabilized by at least 1000 mA, such as** RE-AL4S model / C (not inclusive).

The requested plug is the standard 5.5 mm. Attention to use STABILIZED feeders that provide 12V in any load condition. The use of a different supply voltage from 12VDC can generate video disorders and in the worst cases damage the camera.

- **Housing connections** - The video connections and power supply must be protected from the weather and housed in special electrical containers. For this reason, the cameras are equipped with an integrated cable about 30 cm length to reach the box which goes arranged nearby.

- **Adjust zoom / focus** - Television cameras fixed optics and do not require focus as set at the factory

IR Illuminator (RE ... .R.)

Some models incorporate within them an infrared illuminator that emits illumination invisible to the human eye, but visible to the camera. Illuminator

It turns on by itself when it gets dark and the camera switches alone in night vision mode. The illuminator ignition allows the vision in B / N in absolute darkness until its scope lighting. The LEDs of these cameras, at 940 nm, are invisible in the dark.

Programming Menu OSD

Many models in this range are used to configure various display options through an on-screen menu (OSD) To control the on-screen menu you act on mini joystick located along the camera cable. Also all cameras with OSD have a UTC chip that lets you control the programming menu also acting from the opposite end of the video cable (DVR side) using the remote control RE-UTC2 be ordered separately.)

Our latest DVR PTZ menu include in the UTC option to directly control the UTC menu of the camera directly from the DVR without the need for external controller.

OSD Options

For explanations of the various OSD options refer to the separate instructions.

AHD Technology (models xxxHDU xxxFDU)

All cameras in this range support AHD technology and are able to work with both conventional analog DVR or DVR AHD last generation with which allow you to reach the HD720P resolution 1280x720 and 1920x1080 FULL HD 1080P. The xxxHDU models support AHD 720P, while xxxFDU AHD models support 1080P. A AHD 720P camera can be connected to any DVR AHD and display the 1280x720 resolution. A AHD 1080P camera requires AHD 1080P DVR shows and 1920x1080 resolution.

Switch AHD / CVBS (mod. xxxHDU xxxFDU)

The AHD cameras are always provided in AHD mode but can be switched into traditional analogue CVBS mode if you need to connect to old or DVR directly to a TV.

The switching between the two systems is done by the Mini Joystick OSD in the following manner:

- **METHOD AHD: Keep the mini joystick in position for 5 seconds RIGHT MODE ANALOG VIDEO / CVBS:** Keep the mini joystick in LEFT position for 5 seconds

4in1 Technology (xxxFD4 models)

Some cameras in this range (i xxxFD4 models) support in addition to CVBS technologies and AHD also CVI 1080P 1080P and 1080P TVI technologies. It is analog technology in high resolution, similar to AHD but used by other builders. In this case the Switching is performed by maintaining for 5 seconds

joystick up, down, left or right following signs:

www.dseitalia.it/dati_telcavo.htm

Main technical data