



RE-RE-TBN3 TCN3 TBN8 RE-RE-RE-TCN8 TCN8EU

USER MANUAL

Product Composition

- ▶ Camera Cable
- ▶ of connection
- ▶ power and audio / video output
- ▶ Support accessories



RE-TBN3
RE-TCN3



RE-TBN8
RE-RE-TCN8
TCN8EU

The camera

These cameras are part of the category of hidden cameras hard-wired. They are cameras specially

installation realized for permanent of

hidden cameras totally invisible.
The camera (black / white or color) is hidden in a fire or burglar alarm sensor that is not functioning. It 'also provided a microphone for listening environment.

Target

The camera is fitted with a pin-hole lens that recovering through a hole of only 1 mm. in diameter it is invisible from the outside. Both

the cameras there camera is adjustable even after installation, by rotating the capsule of the fire sensor and orienting the articulated bracket of the fire sensor.

Focus the lens.

It is not required focus of the lens that is already adjusted at the factory.

Power to the camera

On the back of the camera comes out of a cable with connectors 3:

Jack 5.5 mm. The first connector in the picture at the top serves to connect the power supply (not included). You must use a 12VDC power supply with a 5 pin



mm. center-positive, as the model DSE RE-AL2.

BNC female The connector means in the picture is the video output

RCA female The bottom connector in the picture is the audio output. or to the video control device. At the red plug,

NOTE: Be careful to use power supplies

STEADY that provide 12V in any load condition. The use of a different supply voltage from 12VDC can generate video disorders and in cases

worse damage there camera.
Beware of power supply cables too long, that could introduce excessive voltage drop.

Connect the video

The BNC connector is connected to the monitor or the video management device. If the distance to be covered is a few meters you can use any type of cable. But if you go over 10 meters we recommend using the type RG59 coaxial cable that allows the wiring over a hundred meters. Both the RG59 cable BNC terminals that can be purchased from most electronics stores. DSE offers already prepared cable for wiring video, audio and power of the length of 20 meters (RE-CT1).

As the RE-CT1 cable prepared with RCA connectors you will be required RE-BNCRCA1 adapter

BNC connection to the video.

Audio output

The microphone is placed conveniently for good audio capture environment. In RE-TCN8EU model is not the microphone.

Camera attachment

The smoke sensor can be mounted to the wall with the aid of dowels. The fire sensor in the ceiling must be installed in the same way. For a more significant recovery we should place

the appliance in a angle of the environment in such a way that the recovery takes place from the top downwards diagonally. The motion sensor is positioned approximately 2.5 m from the ground because it would be the correct installation if it were a real sensor.

Programming Menu OSD

The RE-TCN8EU camera is based on the chipset SONY EFFIO whose options

Yes can select thanks to a menu screen that is controlled through the buttons located along the camera cable. Alternatively, you can also act in the menu

programming starting from the opposite end of the video cable (DVR side) using the remote control

RE-by UTC ordered separately. The programming options are explained in the documentation separately.

Main technical data

	RE-TCN3	RE-TCN8	RE-TBN8
Camera Type	PAL Color Black / White	PAL	PAL
Type CCD sensor Sharp 1/4 "		Samsung 1/3 "	
Number of pixels in the CCD	512 (L) x 582 (H)		
horizontal Resolution	380 TV lines		
minimum illumination 1 Llux 0.1 Lux (F1.2)			
Signal to noise ratio	Over 46 dB		
Gain Control	Yes (AGC)		
White balance	Yes (AWB)		
Automatic electronic shutter	1/50 ... 1 / 100,000s.		
video Output	1Vpp 75 Ohms		
Supply	DC 12V		
Power consumption	100 mA		
12VDC Power supply	Not included		
Attaching the	S (M12)		
Objective supplied as standard	RE-036P		
Operating temperature	- 20 ° ... + 50 ° C		
Degree of protection	IP40		

CE