

Product description

The camera RE-TCC5E camera has a resolution of 700 lines based chipset DSP-E SONY EFFIOE and OSD menus designed to analogue CCTV applications requiring the highest video quality.

Main features:

- SONY SUPER HAD CCD 1/3 " Resolution 650 TV lines Minimum Illumination 0.001
- Lux in B / W
- function day / night to night vision B / W and compatibility with IR illuminators
- ADAPTIVE TONE REPRODUCTION - The ATR feature allows better color rendering in dim shooting.
- Horizontal Mirror function for the overturning the image in the back shooting.
- OSD (On Screen Display), programming via onscreen MENU controllable with buttons through remote control on the cable.
- Titler for Stamping number camera

rear connections



Video OUT	BNC connector for video output
DC 12V	Terminal block for 12VDC power supply. Supplied with cable socket for DC plug 5.5 mm
LED PL	Power LED
TP-CV	Selector - TP position not active
TERMINAL NC NC TP +	TP is not used in this version.

- BNC video output - Bottom right you connect a cable leading to monitors or management devices typically using RG59 coaxial cable type and the like, and BNC connector.
- DC12V - Connect 12VDC power supply by at least 1A with a 5.5 mm plug with a positive central STABILIZED, such as RE-AL4S model, using this cable in the package (cable red + / black cable -). Or connect directly to the positive and negative power supply terminal.
- Switch TP / CV - Keep the switch CV- The TP position is not used at the time.
- Terminal C / NC / TP + / TP - not enabled at the time

Side panel



- Input for autoiris lens - The camera is capable of controlling autoiris Direct Drive objectives whose control cable connects to the side grip on the camera.
- Side Door, OSD control buttons - buttons protected by the side cover are used to control the configuration menu on the camera screen. With the middle button you enter the camera setup menu, with the other buttons you move between menu items.
- Fixing - The camera is provided without bracket which must be purchased separately. The thread for the bracket is available under the camera both above for ceiling mounting.

Power to the camera

On the back of the camera there is the terminal block for the power supply (POWER). Inside the box we can find a cable to be connected to the terminal, this cable has the pin at the other end to be connected to the power supply. We must connect a 12VDC power supply by at least 1A with a 5.5 mm plug, center-positive, as the RE-AL4S model.

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.

If you carried out a centralized power pay attention to too long power cables, which could introduce excessive voltage drop. Beware too long power cables in the transport of

12VDC, that could to introduce excessive voltage drop.

Connect the video

The video output is on the rear of the camera and has a BNC type connector. It must be connected to the monitor or 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 coaxial cable type RG59 or similar which also allows the wiring over a hundred meters.

Attach the lens

These cameras are supplied without lens so that you can equip with the lens more suited to the size and to the ambient brightness. The attack to the target is C / CS type. The goal must be purchased separately and is screwed on the front of the camera. If the lens is of the iris type must be connected to the connector socket to the rear view camera. The camera is capable of controlling autoiris Direct Drive goals. If you need to bring their own to the connector solder these are the PIN to use:

PIN DIRECT	
1	DAMP - 2
	DAMP + 3
	DRIVE + 4
	DRIVE -

Once the lens is screwed, it is necessary to proceed to the focus adjustment.

First, you must adjust the focal distance from the CCD by acting on the lever on the side of the camera to obtain a first commissioning coarse fire. The side lever must be unscrewed about half a turn in order to rotate the ring. Once in a distance that allows an acceptable vision hangs the ring by screwing the pin. At this point it is possible to refine the vision by turning the focus adjustment of the lens to obtain the best focus.

Programming Menu

The camera is equipped with a programming menu screen for advanced features. Open the side door to access the panel, press the button in the center between the arrows to display the on-screen menu.

For instructions on features of the OSD Refer to the separate documentation on the DSP-E SONY EFFIO

Audio

The RE-TCC5E camera does not have onboard microphone; If required you can use the external microphone RE-CM2.



Main technical data

	RE-TCC5E
Camera Type	hard-wired
Colors / white / black	color day night function
video standards	PAL 2: 1 interlace
CCD Sensor	Sony 1/3 " Super HAD
Number of pixels in the CCD	1020 (L) x596 (H)
horizontal Resolution	With 650 TV lines.
Video Signal Process	Digital - DSP
Video Signal Synchronization	internal
Minimum required illumination for shooting	Color 0.3 Lux B / N 0.0001 Lux
gamma correction	0.45 / 1
Signal / noise ratio (S / N ratio)	Over 50 dB
Automatic Gain Control (AGC)	Yes (programmable level)
Automatic electronic shutter	Automatic or fixed adjustable
iris diaphragm	Compatible with DC DRIVE lenses
Compensation against the light (BLC)	Yes (adjustable level)
Day / Night function (color day / night bn)	Yes (adjustable threshold)
infrared lighting compatible	850 nm
video Output	1V pp composite video 75 Ohms
audio Output	-
built-in ambient microphone	No
the camera power supply	DC 12V
Power consumption	2 W
Power supply 230VAC / 12VDC included	No
Support bracket included	No
Target	No
MIRROR function for image reversal	Horizontal
overlay	ID Camera, Motion
MASK function for privacy protection	4 programmable masks
Motion detection	You - Only display screen
Operating temperature	- 10 ° ... + 50 ° C
External dimensions (mm.)	56 (L) x71 (H) x133 (P)
Weight	480 gr.