

Day/Night 520 TVL Standard Camera

Art. no. TVCC20530

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- 1/3" Sony Super HAD CCD
- Resolution of 520 TV lines
- Image optimization thanks to DSP technology
- Day/night camera with electromechanically removable IR cut filter
- Suitable for the use of IR light
- Integrated 230 V AC power supply unit

The standard day/night camera meets demanding requirements at the mid-range level and achieves brilliant images around the clock - in light or darkness. Below a certain brightness, it automatically switches from color to the light-sensitive B/W mode. This model is equipped with a 1/3" Sony Color Super HAD CCD with a light-sensitivity of 0.2 lux (depending on aperture). With 520 TV lines, the video images are of excellent quality (High Resolution). The camera is equipped with an IR blocking filter with magnetic swivel function. In daylight, this filter covers the CCD to prevent infrared light from reaching the image sensor. In darkness, this filter swivels away (light-sensitivity 0.01 lux depending on aperture) and the infrared light from an external IR emitter needed for night imaging hits the CCD. The day/night cameras are compatible with C-Mount and CS-Mount lenses. All models of the series feature AES (Automatic Electronic Shutter), BLC (Back Light Compensation), AGC (Automatic Gain Control), and AWB (Automatic White Balance) for optimal image quality in different lighting situations. This powerful mid-range model operates on 230 VAC (for 12 VDC see the structurally identical TVCC20030). The camera also convinces with its low power consumption. Handy for installation: simple setup and configuration via easily accessible DIP switches.

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Technical Data:

Dimensions	(WxHxD) 55.5x40.5x99.0 mm
Connections	BNC, DC (5.5x2.1mm, 2-Pin)
Image sensor	1/3" Sony Super HAD CCD
Pixels (effective)	752(H) x 582(V) pixel
Pixels (total)	795(H), 596(V) pixel
Aperture at minimum illumination (color)	1.0, 30
Aperture at minimum illumination (IR)	1.0 30
Width	56 mm
DSP	Nextchip
Electronic shutter	AES/AI
Backlight compensation	BLC
Height	41 mm
Camera outputs	1 x V s-s, 75 Ohm
Camera type	Standard camera
Length	99 mm
Max. operating temperature	50 °C
Max. humidity	85 %
Min. operating temperature	-10 °C

Net weight	0.29 kg
Lens mount	CS/C
Lens control	DC
IP protection class	34
Signal-to-noise ratio	48
AC voltage supply	110-230 V
Control	DC
Power consumption	190 mA
Day/night switching	IR cut can be swivelled electromagnetically
TVL	520 TVL
Amplifier control	AGC, Off
Video system	PAL
White balance	AWB
Certifications	CE, UVV