

520 TVL Standard Camera

Art.-Nr. TVCC20520

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The Eyseo standard cameras come with various features at a very competitive price. They can be used with a plethora of lenses. This mid-range model is equipped with a 1/3" Sony Super HAD CCD. With 520 TV lines it delivers very detailed color images in high resolution with minimal image noise. Furthermore, the image sensor's high light sensitivity ensures excellent picture quality. The Eyseo standard series is compatible with C-Mount and CS-Mount lenses: with or without Auto-Iris function. A connector for a DC Auto-Iris plug is available. All models of the series feature AWB (Automatic White Balance), ELC (Electric Light Compensation), BLC (Back Light Compensation), and AGC (Automatic Gain Control) for optimizing image quality with backlight and other adverse lighting situations. Depending on the aperture, light-sensitivity is around 0.01 lux. Thus, the camera still delivers good images when the human eye cannot see anything anymore. This quality camera for video surveillance at the mid-range level operates on 230 V AC (for 12 V DC see the structurally identical TVCC20020). The camera also convinces with its low power consumption. Handy for installation: simple setup and configuration via easily accessible DIP switches.

Technologies

- 520 TVL resolution
- 1/3" Sony Super HAD CCD
- Image optimisation with DSP technology
- Simple parameter setting with DIP switches and potentiometer
- Standard camera with compact housing design
- Integrated 230 V AC power supply unit

Technical data - 520 TVL Standard Camera

| | |
|---|----------------------------|
| AC voltage supply | 110-230 V |
| Amplifier control | AGC, Off |
| Aperture at minimum illumination (colour) | 1.0, 30 |
| Backlight compensation | BLC |
| Camera outputs | 1 x V s-s, 75 Ohm |
| Camera type | Standard camera |
| Certifications | CE, UVV |
| Connections | BNC, DC (5.5x2.1mm, 2-Pin) |
| Control | DC |
| DSP | Nextchip |

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| | |
|-------------------------------|---------------------------|
| Dimensions | (WxHxD) 55.5x40.5x99.0 mm |
| Electronic shutter | AES/AI |
| Height | 41 mm |
| IP protection class | 34 |
| Image sensor | 1/3" Sony Super HAD CCD |
| Length | 99 mm |
| Lens control | DC |
| Lens mount | CS/C |
| Max. humidity | 85 % |
| Max. operating temperature | 50 °C |
| Min. operating temperature | -10 °C |
| Minimum illumination (colour) | 0,01 lx |
| Net weight | 0,29 kg |
| Pixels (effective) | 752(H) x 582(V) pixel |
| Pixels (total) | 795(H) x 596(V) pixel |
| Power consumption | 125 mA |
| Shutter mode | AES/AI |
| Signal-to-noise ratio | 48 dB |
| Synchronisation | Internal |
| TVL | 520 TVL |
| Video output | FBAS (1 Vss, 75 Ohm) |
| Video system | PAL |
| White balance | AWB |
| Width | 56 mm |