GVC-331, GVC-331/DC

Extreme high-resolution color cameras with digital signal processing

Product information

The reliable GVC-331 and GVC-331/DC color cameras offer an impressive picture quality. Based on the new Sony HQ1 ExView CCD with a horizontal resolution of up to 540 TVL they deliver pin-sharp, high-contrast images, even under poor lighting conditions. The backlight compensation together with an automatic/ manual white balance function guarantees high image quality regardless of the time of day or year. The GVC-331 and GVC-331/ DC therefore are optimal for 24 h usage in combination with their excellent price/performance ratio. The camera type is either available in a 230 V AC or in a combined 12 V DC / 24 V AC version.

- Very high resolution Sony HQ1 CCD
- Selectable automatic gain control level
- Integrated backlight compensation, switchable
- Chrome noise reduction at low light levels

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Technical data

	GVC-331	GVC-331/DC
Image sensor (Chip)	1/3“ IT CCD / Sony HQ1 sensor	
Video standard	CCIR/PAL (Composite)	
Scanning system	2 : 1 interlace	
Scanning frequency	15.625 kHz (H), 50 Hz (V)	
Pixel (H x V)	752 x 582 (effective)	
Horizontal resolution	540 TV lines	
Minimum sensitivity	0.3 lux / F1.2 (50 IRE)	
Synchronisation	Internal / External (line lock)	
Signal to noise ratio	50 dB	
White balance	Automatic	
Shutter	On / Off - Automatic electronic (AES), 1/50 to 1/100000 s	
Back-light compensation	On / Off	
Automatic gain control (AGC)	On / Off	
Color / B/W switching	Chrominance subcarrier will be disabled at low lux levels.	
Lens mounting	CS-mount / C-mount (with C/CS-adapter)	
Lens connection	DC lenses (AI-DC) and video signal controlled lenses (AI) (connection via standard 4-pin socket)	
Operating temperature range	- 10 °C to + 50 °C	
Voltage supply	100 - 240 V AC	12 V DC or 24 V AC ± 20 %
Power consumption	Max. 4.5 W	
Dimensions in mm (W x H x D)	70 x 63 x 122	
Weight	Approx. 300 g	
Order No.	**5.04242**	**5.04252**

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