

Video Security

Cameras | Day/Night Cameras

CG-512PA1V

1/3" Day/Night Camera with Switchable IR Cut Filter, DSP, 230VAC, 540TVL

Art-No. 92496



Lens is not included with the camera

Features

Resolution of 540 Horizontal Lines (Colour)
Automatic Gain Control (AGC)
High Sensitivity of 0.1Lux at F1.2 (B&W)
Removable IR Cut Filter
Back Light Compensation (BLC)
Electronic Shutter Control (ESC)

Automatic AI/DC Control Selection (Depend on Lens)
Integrated Eclipse and Flickerless Function
Automatic White Balance with Hold Function (AWB)
Auto Blemish Compensation (up to 32 Pixels)
Adjustable Video Transmission Distance
Supply Voltage: 230VAC

Specifications

Video standard	CCIR/PAL
System	day&night
Sensor size	1/3"
Imager	CCD, Sony Super HAD Interline Transfer CCD
Active picture elements	approx. 440,000, 752(H) x 582(V)
Signal processing	Digital (DSP)
Synchronization	Internal/AC line lock
Signal-to-noise ratio	48dB (AGC OFF)
Gamma correction	0.6/1.0
Horizontal resolution	540TVL, (colour), 570TVL (b&w)
Sensitivity (at 50% video signal)	0,8Lux, at colour, 0.1Lux (B&W) at F1.2
Light control range (ESC + AGC)	30,000:1
Light control range (AI + AGC)	600,000:1 (Iris range F1.4 ~ F300)
Electronic shutter control (ESC)	2.000:1 (On/Off switchable)
Integration rate	no
Signal amplification	3 steps (for transmission distance short, middle, long)
Automatic gain control (AGC)	Normal, High and ON/OFF switchable
Backlight compensation	BLC, eclipser, ON/OFF switchable

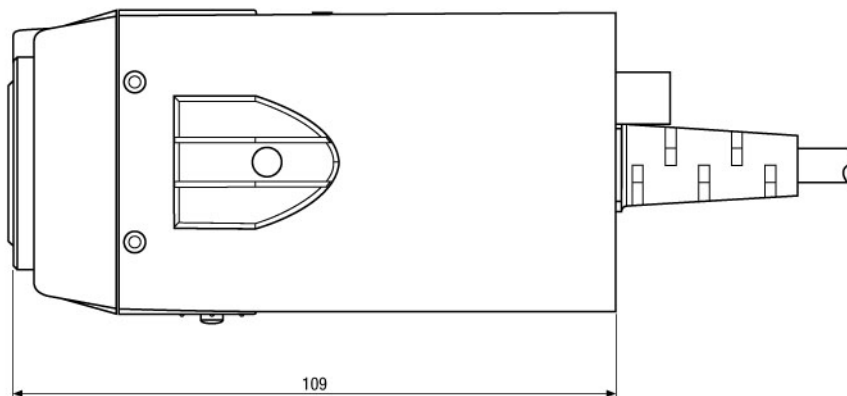
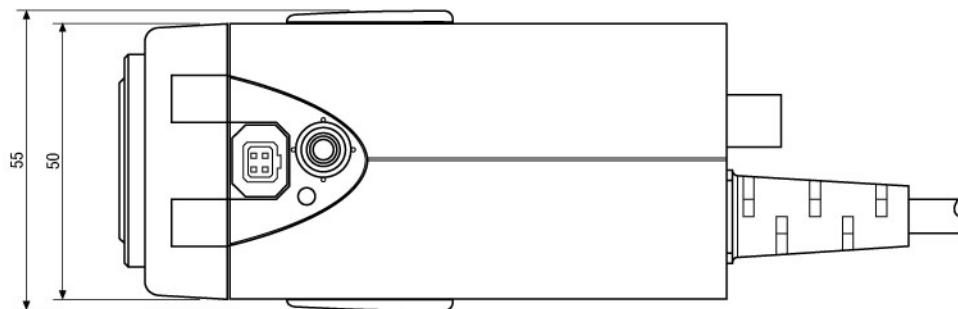
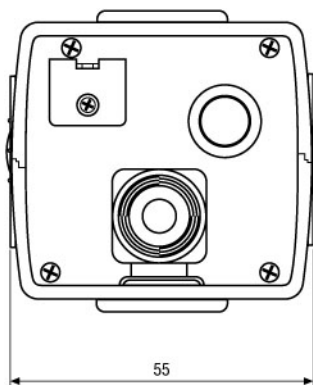
CG-512PA1V

(Specifications continued)

White balance (AWB)	Auto/Hold
Blemish compensation	Automatic blemish detection and compensation (for up to 32 pixels)
Aperture Correction (APC)	Horizontal and vertical
Flickerless function	120sec., ON/OFF switchable
Eclipser function	On/Off, Treshold, Eclipse and Grey level
IR cut filter	yes, Motorized, switchable filter. Automatic function depend on the amount of light. Automatic/manual selectable by OSD menu. In, removed filter position, the colour signal will be switched off. Selectable time delay: 5Sec. or 30Sec., External D&N, switching via external contact input
OSD function control	OSD camera setup: Pixel correction, Eclipser, Day&Nignt, BLC, AWB, Chroma, ESC, AGC, Flickerless, Aperture, Masking (Window blanking), Transmission distance compensation
Lens mount	C/CS mount
Usable iris controls	Manual iris, Auto-Iris/DC controlled
Auto-Iris voltage supply	9VDC (40mA max.)
External adjustments	Flange focus Switch for setup menu
Video outputs (type)	CVBS
Video outputs	1Vp-p, composite, 75ohms, BNC
External connections	Auto-/DC Iris (4-pin), Video (BNC), Day/Night switching (2-pin), Power input
Serial interfaces	no
Camera mount	1/4" - 20 UNC thread on top and bottom
Supply voltage	230VAC, (+/-15%) 50Hz
Power consumption	approx. 12watts
Temperature range (Operation)	0 ~ +40°C
Dimensions (HxWxD)	See drawing
Weight	400g
Parts supplied	4-pin plug, Allan key, Manual on CD ROM

Accessories

70769 / WD-22	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, Beige Grey
70771 / WD-23	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, Pantone 877



Maße/Dimensions: mm

VIDEOR TECHNICAL E. Hartig GmbH
 Carl-Zeiss-Straße 8 · 63322 Rödermark · Germany
 Telefon +49 (0) 60 74/8 88-0 · Telefax +49 (0) 60 74/8 88-100
 info@videortechnical.com · www.videortechnical.com