

GVK-231/DC

Versatile high resolution colour system camera with 1/2" CCD

Product information



The reliable GVK-231/DC system camera with its extremely powerful 1/2" CCD offer an impressive range of functions. It delivers pin-sharp, high-contrast images, even under very poor lighting conditions. The facilities for system integration permit the camera to be adapted over an RS-485 bus to meet a wide range of operating conditions. Parameterisable compensation for backlight, together with the ability to save all kinds of profile, guarantee high image quality regardless of the time of day or year.

- Remote set-up via RS-485
- Save all camera settings to file on PC
- Electronic masking function ESF (privacy masking)
- OSD menu for local set-up
- Very high light sensitivity
- Fully integrated into GeViControl, GEUTEBRÜCK video management system GeViControl
- Excellent price/performance ratio

Technical data

Image sensor (Chip)	1/2" IT CCD / Sony Ex-View HAD sensor
Video standard	CCIR/PAL (composite)
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
Scanning system	2 : 1 interlace
Scanning frequency	15.625 kHz (H), 50 Hz (V)
Pixel (H x V)	752 x 582 (effective), approx. 440.000 pixel
Horizontal resolution	> 480 TV lines
Minimum sensitivity	0.1 lux / F1.2 (50 IRE)AGC on
Synchronization	Internal / External (line lock)
S/N ratio	50 dB (100 IRE)
White balance	Automatic / Manual Switchable via on screen menu (OSD)
Shutter: Manual adjustable Automatic	Standard, 1/50, 1/120, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s Automatic electronic (AES), 1/50 to 1/100000 s continuous
Back-light compensation	6 areas, adjustable via on screen menu (OSD) / RS-485 (software): full picture, middle of picture 1, middle of picture 2, doorway 1, doorway 2, upper half, lower half
Automatic gain control (AGC)	9 steps, adjustable via on screen menu (OSD) / RS-485 (software): Off; 18 dB, 22 dB, 26 dB, 30 dB, 32 dB, 34 dB, 36 dB, Sens Up
Interface	RS-485 (bidirectional)
Privacy masking	3 adjustable masking zones via on screen menu / RS-485 (software)
Data storage for set-up parameters	Internal non volatile storage and data exchange with PC via RS-485 using set-up software CamSet (beginning from Version 2.3 Build 7)
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	- 10 °C to + 50 °C
Voltage supply	12 V DC or 24 V AC ± 20 %
Power consumption	Max. 4.5 W
Dimensions in mm (W x H x D)	73 x 63 x 122
Weight	Approx. 650 g
Accessories	Resistor for bus termination included in shipment
Order No.	5.04292

Technical alterations reserved