### **Product Information**

### Camera

# 1/4" Colour Compact Camera with 23x zoom lens (HQ-IDC-23012P) with 470 TV lines resolution

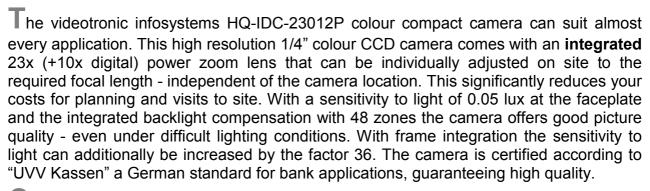
#### **Product Data**

- Certified according to "UVV Kassen"
- 23x zoom lens / 10x digital zoom
- Focal length 3.7 to 85.1 mm
- Frame integration (up to 36x)
- OSD on-screen display
- Backlight function with 48 zones
- Auto focus
- Automatic iris
- RS232 interface
- 12 V DC



# Forget about time consuming and cost intensive selection of lens type and camera location ...

... we have a high resolution solution – certified according to "UVV Kassen" – that's suitable for every application!



Crystal clear and sharp pictures are made possible by the integrated auto focus control. Extensive settings, e.g. camera ID, can easily be carried out via comprehensible onscreen menus. The extensive menu features allow to adapt the camera to the most different applications. The camera can be remote controlled and remote configured via the integrated interface. The corresponding RS232 interface protocol can be found in the operating instructions.

Security in Focus.





# Camera

## **Technical Specifications**

Camera Type	HQ-IDC-23012P
Max. pixels at video output	470.000
Min. illumination	0.5 lux / F1.4
Chip	1/4" interline transfer CCD
Backlight (BLC)	ves
Enhancer	2 edges, vertical and horizontal
Gamma correction	0.45
Resolution	470 lines (horizontal)
Frame integration (star light mode)	9 steps (0, 6, 12, 16, 18, 22, 24, 30, 36 frames)
Signal to noise ratio	48 dB (AGC off)
AGC	auto (18 dB max.)
Synchronisation	internal
Spectral response	380 - 660 nm
Smear	0.004 %
Depth of modulation	> 80 %
Dark current	< 0.5 %
Return loss	> 22 db
Auto circuits for	
Colour cut	manual via OSD menu
Antiblooming	yes
Gain / Pedestal	yes
White gain	3200 - 9600 K
Scanning system	CCIR / PAL, 625 lines, 50 Hz
Video output signal	FBAS, 1 Vpp / 75 ohm
Y/C signal	BAS 1 Vpp / 75 ohm
	F 0.3 Vpp / 75 ohm
Remote control	RS232 interface
Operation voltage / Consumption	12 VDC / 3.6 W
Ambient temperature	-10° up to + 50° C
Air humidity	up to 95 %
IP rating	IP52 / class III
MTBF	120,000 hours
Electronic immunity	EN-50081-1, EN-55011 class B
EMC	EN-50082-2, EN-50204, EN-61000-4,-2,-3,-4,-6
Safety	EN-60950, EN-60065
Zoom-lens	
Focus length	3.7 – 85.1 mm / F 1.6
	(Canon 23 x optical / 10 x digital)
Iris control	video signal controlled
Focus control	TTL auto focus or manual
Focus range	1.0 m - endless
Dimensions (w x h x d)	59 x 80 x 120 mm
Weight	180 g
Housing colour	grey/beige
Connections	
Connections Video	BNC
	BNC mini 4 pole DIN
Video	

 $\circledcirc$  videotronic infosystems gmbh, Germany 03/2003 Errors and omissions excepted.

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