

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



Description

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!

The videotronic infosystems HQ-IDC-23012P colour compact camera can suit almost every application. This high resolution 1/4" colour CCD camera comes with an **integrated** 23x (+10x digital) power zoom lens that can be individually adjusted on site to the required focal length - independent of the camera location. This significantly reduces your costs for planning and visits to site. With a sensitivity to light of 0.05 lux at the faceplate and the integrated backlight compensation with 48 zones the camera offers good picture quality - even under difficult lighting conditions. With frame integration the sensitivity to light can additionally be increased by the factor 36. The camera is certified according to "UVV Kassen" a German standard for bank applications, guaranteeing high quality.

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 on-screen 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)	yes
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	
Video	BNC
Y/C	mini 4 pole DIN
12 V DC	terminal strip
Net connection	multifunction socket

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Errors and omissions excepted.

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