



CBC (Deutschland) GmbH

# GANZ IP Colour camera ZC-XY30



- High-sensitivity 1/3" colour camera with integrated web server
- Video live transmission over IP networks (Internet, Ethernet-LAN)
- Wide Dynamic range (more than 60 dB)
- With up to 32x sensitivity by digital frame integration
- BNC output for use in conventional CCTV systems
- Full multicasting
- Simple integration in video conferencing systems
- Convenient operation and configuration with Internet browsers
- Efficient backlight compensation
- CS mount

## Powerful colour camera

The **GANZ ZC-XY30** operates as a wide dynamic range camera in an exceptional dynamic range of more than 60 dB. Its efficient backlight compensation becomes important particularly in difficult light situations: Interferences are eliminated, underexposure is prevented and details are recognisable even against the light. The digital signal processor and the frame integration feature ensure a high light sensitivity. The camera can therefore impress with high contrast, brilliant images at all times.

The BNC output permits use of the camera in conventional CCTV systems. At the same time, the images can be transmitted in IP networks.

## Intelligent surveillance function

Video sensor and alarm interface permit extended surveillance functions. If the video signal is interrupted, an automatically triggered e-mail or SMS can signal the alarm.

## Full-grade web server

The video data enter an IP network (Internet, Ethernet LAN) via the network interface. The camera supports the standards M-JPEG and HTML. A normal Internet browser is therefore all that is needed to view the high quality live video images.

The browser also allows the camera to be conveniently configured and remotely controlled from the computer. The image remains visible at all times, hence significantly simplifying the settings.

The **GANZ ZC-XY30** also supports the H.323 standard and is therefore compatible with all existing video conferencing systems. A further benefit is the multicast capability, enabling several PC systems to receive the video images via the Internet browsers simultaneously.

Particularly interesting single frames from the live sequence can be viewed in a further browser window. These snapshots can be stored on hard disk as evidence.





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## Connectors

1 RJ45 jack **10BASE-T** for connection with the network  
 2 LED **POWER**  
 3 LED **ACT**  
 4 LED **LINK**  
 5 Serial interface **COM RS/232/422/485** for transmission of control data and for configuration  
 6 Plug-in terminals **ALARM** alarm sensor and relay output  
 7 Jack **DC12V** for connection of a power supply unit (instead of 8)  
 8 Plug-in terminals **DC12V** for connection of a power supply unit (instead of 7)

**GANZ**

## Specifications

Operating voltage	10.8 ... 15.8 V DC	Data rate	10 kbit/s ... 1 Mbit/s
Connectors	Plug-in clamps, round jack	Protocols	IP, TCP, UDP, ICMP, ARP, DHCP, HTTP, FTP, IGMP
Image sensor	1/3" CCD, 752 × 582 pixels	Frame rate	25 images/s max.
Monitor output	VBS 1.0 Vp-p, BNC	Video resolutions	704 × 576 pixels (HiRes) 352 × 288 pixels (CIF) 176 × 144 pixels (QCIF)
Resolution	470 (h) × 410 (v) TV lines	Coding protocols	H.261/H.263, H.323, M-JPEG
S/N ratio	48 dB (AGC off)	Data interface	1 × RS232/RS422/RS485, bidirectional, 9-pin sub-D
Sensitivity	Standard 3 lux, Sensitivity up 0.03 lux	Alarm input	1 × inputs, plug-in clamp
Recommended illumination	> 300 lux (F2.8)	Relay output	1 × relay, max. 30 V, 1.0 A
Dynamik range	> 60 dB (WDR on)	LED displays	3 × LED (Ethernet, connection, power)
Electronic shutter	1:500 (F1.4 ... 31) 1/50, 1/120, 1/125, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000	Operating conditions	temperature: 0 ... +50 °C relative humidity: 90% max., non-condensing, altitude 0 ... 3,000 m max.
White balance	ATW, AWB, manual	Storage conditions	temperature: -20 ... +60 °C relative humidity: 0 ... 95%, non-condensing, altitude 10,000 m max.
AGC	automatic, manual 0 ... 18 dB, off	EU regulations	EMC: CE, EN 55103-1, 1996, EN 55103-2, 1996
Sensitivity up	2×, 4×, 8×, 10×, 16×, 24×, 32×		
Lens socket	CS mount		
Dimensions (w × h × d)	71 × 68.5 × 175 mm		
Weight	approx. 750 g		
Network interface	Ethernet 10 Base-T		

### Order number

ZC-XY30 Colour camera, 1/3" IT CCD 752 × 582 pixels, CS mount, iris control, 10.8 ... 15.8 V DC

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