



## The performance features at a glance

- High-resolution 1/3"- camera with 700 TVL
- DNR (Digital Noise Reduction)
- Also with mechanical Day-/Nightswitching
- Also with powerful WDR-function
- Privatzone masking
- Backlight compensation

## High versatility

The CS-Mount cameras from the ZC-YX/NX(W)270 range are suitable for use in numerous different areas. This is due to the high resolution of 700 lines and also the wide range of functions. This includes the high light sensitivity thanks to the GX5 technology.

## Outstanding advantages

In addition to the colour cameras, models with a mechanical day / night switchover are also available. The ZC-NXW270PR also has a high performance WDR function. This means it masters difficult light conditions very well.

## High-performance technology

All models include technology that ensures the best picture results. This includes the picture correction feature for example, which steps in to correct negative influences such as cloud or rain. The 3D-DNR support significantly reduces picture noise.

## Other special features

For further adjustment to the circumstances, private zone masking is available in addition to an picture stabiliser. The backlight compensation (HLC) can also be activated.

## Order data

Order number	Product description
ZC-YX270P ZC-YX270PE ZC-NX270P ZC-NXW270PR	1/3" CCD, 700 TVL, DC & Video-Iris, 12/24VDC / 230VAC, 108.4mm x 46mm x 60mm

# Camera series ZC-YX/NX(W)



## Advantages for the installer

For a more simple adjustment of the focus the camera offers a help function via the OSD menu. The Computar lenses portfolio also offers a lens to suit almost every area of use.

Technical specifications		ZC-YX270P	ZC-YX270PE	ZC-NX270P	ZC-NXW270PR
Video system		PAL			
Video output		1.0 Vs-s; 75 Ohm			
Imager		1/3" IT-CCD			
Horizontal resolution		700 lines			
Effective Pixel		976 x 582			
Day/Night mode		Electronical		Mechanical	
Minimum illumination @ F1.2	50IRE Sens-Up off	0.3 lux Color 0.03 lux b/w		0.07 lux Color 0.007 lux b/w	
	50IRE Sens-Up on	0.0006 lux Color 0.00006 lux b/w		0.00014 lux Color 0.000015 lux b/w	
	30IRE Sens-Up off	0.15 lux Color 0.015 lux b/w		0.03 lux Color 0.0035 lux b/w	
	30IRE Sens-Up on	0.0003 lux Color 0.00003 lux b/w		0.00007 lux Color 0.000007 lux b/w	
Iris control		DC & Video-Iris			
Shutter speed (AES)		1/50-1/100.000s			
Synchronization		Internal Synchronisation, Line Lock			
Digital zoom		Yes, 16x			
DNR		2D/3D			
BLC		Yes			
WDR		Digital WDR			Yes, max. 82dB
Signal-to-noise ratio		>50 dB			
Gamma characteristic		0,45			
Whitebalance		ATW/ AWB/Manual			
Motion detection		Yes			
Privatizonemasking		Yes			
HLC		Yes			
Picture correction		Yes			
Stabilisator		Yes			
RS-485		-			Yes
Monitor mode		CRT / LCD			
Operating temperature		- 10°C ~ + 50°C			
Storage temperature		- 20°C ~ + 60°C			
Operating voltage		24 VAC / 12 VDC	230 VAC	24 VAC / 12 VDC	
Current draw		24 VAC: 220mA 12 VDC : 260mA	230 VAC: 25mA	24 VAC: 220mA 12 VDC : 260mA	24 VAC: 310mA 12 VDC : 250mA
Weight		320g	600g	320g	
Dimensions (WxHxD)		108.4mm x 46mm x 60mm			

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# Camera series ZC-YX/NX(W)



## WDR

Unsurpassed Image Quality in  
Very Bright and Dark or Backlit Areas



## 700 TVL

Ultra High Resolution Reproduces  
Clear and Detailed Images



## FBC

Fine Black Correction Enhances  
Details of Subjects in Dark Areas



## Super Low Light

Extremely High Sensitivity for  
Optimal Low Light Performance



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