

Application example with ZP-B10 and T3Z3510IR



- High-resolution 1/3" camera for day/night modes
- Brilliant colour pictures in daylight, high-contrast b/w pictures in low light (IR)
- Fast automatic day/night toggling feature
- Automatic iris control via DC or video signal
- Internal or mains synchronisation with phase adjustment
- Compact design and easy installation

RELIABLE BY DAY AND AT NIGHT

The **GANZ** camera ZC-NH258P provides perfect video images around the clock. By day the built-in complementary colour mosaic filter permits impressively natural colour reproduction. In addition, the backlight compensation and the automatic white balance features which can also be selected reliably ensure a high picture quality. If the light fades, the camera switches automatically to night mode. This toggling can also be performed by hand. The CCD then generates high-contrast b/w images down to a low-light value of only 0.08 lux (50IRE, F-stop 1.2).

SET UP IN JUST A FEW MINUTES

The mounting base of the ZC-NH258P can be moved from the underside to the top of the camera in just a few minutes. Installation is therefore quick and flexible. A 4-pin standard jack for the connection cable of video-controlled lenses is included in the scope of delivery.

VERSATILE ALL-ROUND SOLUTION

The functions of the day/night camera include an automatic electronic shutter with shutter speeds of 1/50 to 1/20,000 seconds. Alternatively, it is possible to use lenses with an automatically controlled iris. A potentiometer serves to set the signal level of DC lenses to suit requirements.

For the ZC-NH258P there is a large selection of lenses with CS thread, for example the high-quality IR varifocal lenses of the computar brand. The ZC-NH258P

is therefore ideal for discreet surveillance, especially for applications around the clock, by day and with infrared light.





TECHNICAL SPECIFICATIONS

	ZC-NH258P
Video system	PAL
Scanning system	2:1 line jump
Image sensor	1/3" IT-CCD, mosaic filter
Scanning frequency (INT sync. mode)	H 15,625 KHz; V 50 Hz
Effective pixels (H x V)	752 x 582
Video output	1.0 Vp-p/75 Ohm
Horizontal resolution TVL	540 lines
Minimum illumination	0.08 lux (F1.2/50 IRE) b/w mode 0.04 lux (F1.2/50 IRE) b/w mode
Toggling from colour to b/w	Yes
Swivel-type IR cut filter	Yes
Lens mount	CS mount
Flange back length	12.526 mm
Iris control	DC/AES/VIDEO (Vp-p = 12 VDC, 50 mA, max. signal = 0.7 Vp-p, high impedance)
Backlight compensation	ON/OFF
S/N ratio (automatic gain OFF)	>50 dB
Gamma characteristics	0.45
White balance	AWB/ATW
Auto electronic shutter (AES)	1/50 to 1/20,000
Synchronisation	INT/L.L.
Power supply	12 VDC ± 10 %; 24 VAC ± 10 % (50 Hz ± 1 %)
Power consumption	4,5 W
Operating temperature and humidity	-10 °C - +50 °C; 85 % humidity (non-condensing)
Storage temperature and humidity	-20 °C - +60 °C; 95 % humidity (non-condensing)
Inputs/Outputs	Video output: BNC, attachment terminal for b/w mode, screwless 2-pin terminal strip Input operating voltage: screwless 2-pin terminal strip Output for automatic iris: 4-pin jack (D4-151N-100/equivalent)
Switches	Horizontal phase adjustment, BLC, FLC (flickerless), iris control (DC/AES/Video)
Potentiometer	Horizontal phase adjustment, DC iris voltage control
Camera bracket connection, 1/4" thread	top or bottom
Accessories	Operating manual, lens plug (E4-191 10)
Special features	540 TVL in colour mode, mechanical D/N camera
Weight (net)	240 g
Dimensions (W x H x D)	60 mm x 54 mm x 103.3 mm

ORDER NUMBER

ZC-NH258P Day/night camera, 1/3"-CCD, 540 lines, B/W 0.08 lux (F 1.2), 12 VDC/24 VAC