



### The performance features at a glance

- High-resolution 1/3" THRU Vision camera for day/night operation
- M.I.S.T. function (Marvellous Image Self Correction Technology)
- Fast, automatic day/night switching
- Automatic DC or video-signal iris control
- Internal or network synchronization with phase adjustment
- Compact design and easy assembly

### High versatility

The ZC-NH258Pm is specially designed for use in areas with limited visibility due to weather-related environmental influences, such as fog, rain, snow or (sand) storm. Blurred images are automatically corrected by the M.I.S.T. function (Marvellous Image Self Correction Technology). The powerful THRU vision camera can be combined with large motor-zoom lenses for highly detailed pictures.

### Outstanding advantages

The ZC-NH258Pm delivers perfect video recordings around the clock: Brilliant colour pictures under daylight, high-contrast B&W pictures under low light (IR). When visibility is obscured by rain, fog or other influences, it automatically switches to M.I.S.T. mode.

### High-performance technology

The high-resolution 1/3" day/night camera is based on the matured and tested technology of the ZC-NH258 series, and therefore stands for particularly high reliability.

### Order data

Order number	Product description
ZC-NH258Pm	Day/night camera, corrected-image colour camera, 1/3" CCD, 540 lines, B&W 0.03 lux (F 1.2), 12 VDC/24 VAC

# Mechanical day/night camera

## ZC-NH258Pm



### Other special features

THRU Vision image correction technology automatically corrects blurred images with digital adaptation of colour and contrast. This effect is further enhanced using the H60 Z1238A-IRF THRU Vision lens. THRU Vision mode is available in colour mode.

### Advantages for the installer

The mounting socket of the ZC-NH258Pm can be easily shifted from the bottom to the top of the camera. That makes mounting quick and flexible. Settings are made simply using uncomplicated DIP switches.

Technical specifications	ZC-NH258Pm
Video system	PAL
Video output	1.0 V p-p 75 Ohm
Operating voltage	24 VAC / 12 VDC
Current draw	12 VDC: 4.5 W / 24 VAC: 4.5 W
Imager	1/3" IT CCD
Horizontal resolution	540
Minimum illumination (50 IRE) F1.2	0.03 lux (night mode)
Iris control	Video / DC
Shutter speed (AES)	1/50 – 1/20.000
Synchronization	Internal
M.I.S.T. mode	Standard / automatic
Signal-to-noise ratio	50 dB
Gamma characteristic	0.45
White balance	ATW/AWB
Operating temperature	-10 °C – 50 °C
Storage temperature	-20 °C – 60 °C
Weight	250 g
Dimensions (W x H x D)	60 mm x 54 mm x 103.3 mm