



## ZC-NH258P

# DATA SHEET

### Super High Resolution Colour/Mono Camera



#### Key Features

- 1/3" IT CCD
- Super high resolution (540 TVL)
- Accurate colour reproduction
- High sensitivity with minimum illumination
- Excellent picture quality in both day and night mode
- Fast change over from Day/Night mode (less than 1.5 sec)
- Electric iris function
- Built in "Auto iris amplifier"
- Backlight compensation
- Automatically switchable 12V dc / 24V ac

ZC-NH258P is a super high resolution Day/Night compact and simple camera to install. The high performance CCD image sensor combined with the new Digital Signal Processing chip delivers a super high resolution of 540 TVL great colour pictures during the day and sharp black & white pictures at night.

The camera is suitable for almost all applications where there is poor lighting. The Day/Night switching mode is ultra reactive to light conditions, providing high quality colour pictures in normal lighting conditions (Day mode) and high sensitivity black & white pictures in low light conditions. When the light fades, the camera switches automatically to night mode by removing the colour filter. This switchover can also be performed by use of remote photocell connected to the rear camera terminals.

Other extensive features are also available on the camera, like the auto iris amplifier, internal or line lock synchronisation, complete with phase adjustment, automatic gain control, auto electronic shutter, auto white balance correction and backlight compensation.

This is a simple to install, no-fuss camera which is easy to set up and gives excellent results.

#### Ordering Information

ZC-NH258P Super High Resolution Col/Mono Camera,  
12V dc / 24V ac





## ZC-NH258P

Super High Resolution Colour/Mono Camera

### Technical Specification

MODEL	ZC-NH258P
TV System	PAL
Lens Mount	CS mount
Image Sensor	1/3" IT CCD
Effective Elements	752(H) x 582(V)
Video Output	1.0V (p-p) / 75
Resolution (Horizontal)	540 TVL
Minimum Illumination (F1.2/50IRE)	1.2 lux (Colour), 0.8 lux (Mono)
(F1.2/30IRE)	0.62 lux (Colour), 0.04 lux (Mono)
With IR Illuminance	0.00 lux
S/N Ratio	More than 50dB (AGC OFF)
Gamma Characteristics	0.45
Sync. System	INT. / Line-lock
Iris Control	DC: DC iris AES (sec): Linear shutter (1/50 to 1/20000) Video: Vcc = DC 12V, 50mA max, Sig = 0.7 V(p-p) High impedance
Scanning Frequency	15.625kHz (H) / 50.0Hz (V)
White Balance	ATW
Operating Temperature & Humidity	-10 to +50 Degrees C, 85% RH Max. (No Condensation)
Storage Temperature & Humidity	-20 to +60 Degrees C, 95% RH Max. (No Condensation)
Power Supply	12V DC / 24V AC Auto Switching
Power Consumption	4.5 W or less
Weight (approximate)	270g
External Dimensions	60(W) x 54(H) x 103.3(D) mm
Switches	Iris Control: DC/AES/VIDEO BLC: ON/OFF
Adjustments	<b>DC iris level adjustment</b>

