



# ZC-NH258N

HI-RES COLOR DAY NIGHT CAMERA W/MECHANICAL SHUTTER

- True day/night performance with IR cut filter retraction at night
- Exceptional low light sensitivity of 0.04 lux at F1.2
- 24VAC/12VDC Auto Sensing Dual Voltage
- Available with a variety of Computer Day/Night compatible lenses
- UL Listed



Available preinstalled in Pro-Pak housing



**540 TVL**

## Day/Night Series

Model ZC-NH258N 1/3" day/night camera is based on the highly successful and reliable YC/YCH series camera line. It combines hi-resolution color images during the day with high sensitivity B/W images at night. In the night mode, low light performance of 0.04 lux is achieved at F1.2/30IRE, making this camera the ideal 24 hour surveillance solution. For outdoor installations, a time saving Propak kit is available which includes the camera and a selection of Day/Night compatible lenses pre-installed in a rugged outdoor housing.

# ZC-NH258N

HI-RES COLOR DAY NIGHT CAMERA W/MECHANICAL SHUTTER



Back Panel



Side Panel

## SPECIFICATIONS

<b>TYPE</b>	<b>COLOR HI-RES DAY/NIGHT</b>
<b>MODEL</b>	<b>ZC-NH258N</b>
<b>RESOLUTION (HORIZONTAL)</b>	540 LINES
<b>TV SYSTEM</b>	NTSC
<b>SYNCHRONIZATION SYSTEM</b>	Internal or Line Lock (Manual Switch)
<b>IMAGE SENSOR</b>	1/3" CCD Interline
<b>EFFECTIVE ELEMENTS (H) X (V)</b>	768(H) x 494(V)
<b>IMAGE OUTPUT</b>	1.0v P-P/75 ohms
<b>S/N RATIO</b>	More than 50 dB
<b>MINIMUM ILLUMINATION</b>	0.08 lux @ F1.2/50 IRE   0.04lux @ F1.2/30IRE
<b>GAMMA CHARACTERISTICS</b>	0.45
<b>AUTO ELECTRONIC SHUTTER</b>	1/60 Fixed Or 1/60 - 1/20,000
<b>BACKLIGHT COMPENSATION</b>	On / Off with highlight slicing
<b>LENS MOUNT</b>	CS-Mount / C-Mount with 5mm adapter
<b>IRIS CONTROL</b>	Video iris: Power/12VDC, less than 50mA Video signal 0.7Vp-p (high impedance) DC iris: Shutter speed 1/60 second fixed AES: 1/60 - 1/20,000 seconds linear shutter Video Output: BNC   Power input: 2 pin screwless terminal Linelock phase adjustment; DC iris level adjustment
<b>INPUT &amp; OUTPUT TERMINALS</b>	24VAC ± 10% (60Hz ± 1%) OR 12VDC ± 10%
<b>VOLUME ADJUSTMENTS</b>	Less than 4.5W
<b>POWER SUPPLY</b>	-10° - + 50°C
<b>POWER CONSUMPTION</b>	RH80% max (keep free from dampness)
<b>OPERATING TEMPERATURE</b>	60 (W) x 54 (H) x 103.3 (D) mm
<b>AMBIENT HUMIDITY</b>	2.36" (W) x 2.13" (H) x 4.07" (D)
<b>EXTERNAL DIMENSIONS</b>	240g
<b>WEIGHT</b>	

## DAY/NIGHT COMPATIBLE LENSES



2.8-12.0mm  
1/3" CS-MT  
F1.3



3.5-8.0mm  
1/3" CS-MT  
F1.4



3.5-10.5mm  
1/3" CS-MT  
F1.0



4.5-12.5mm  
1/2" CS-MT  
F1.2



8.5-40mm  
1/3" CS-MT  
F1.3



7.5-120mm  
1/2" C-MT  
F1.6

\*IR Series 3.5-10.5mm F1.0 aspherical lens is recommended for applications where maximum low light performance and/or IR lighting is required.



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