



ZC-NH255N

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



Available preinstalled in
Pro-Pak housing



Day/Night Series

Model ZC-NH255N 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. Visit our website or call us at our NY or LA offices for more information.



CBC (AMERICA) Corp.

NY: 1-800-422-6707

CA: 1-800-888-0131

www.cbccamera.com



Back Panel



Side Panel

SPECIFICATIONS

TYPE	COLOR HI-RES DAY/NIGHT
MODEL	ZC-NH255N
RESOLUTION (HORIZONTAL)	480 LINES
TV SYSTEM	NTSC
SYNCHRONIZATION SYSTEM	Internal Or Line Lock (Manual Switch)
IMAGE SENSOR	1/3" CCD Interline
EFFECTIVE ELEMENTS (H) X (V)	768(H) x 494(V)
IMAGE OUTPUT	1.0v P-P/75 ohms
S/N RATIO	More than 50 dB
MINIMUM ILLUMINATION	0.08 lux @ F1.2/50 IRE 0.04lux @ F1.2/30IRE
GAMMA CHARACTERISTICS	0.45
AUTO ELECTRONIC SHUTTER	1/60 Fixed Or 1/60 - 100,000 seconds linear
BACKLIGHT COMPENSATION	On / Off with highlight slicing
LENS MOUNT	CS-MOUNT / C-Mount with 5mm adapter
IRIS CONTROL	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 - 100,000 seconds linear shutter
INPUT & OUTPUT TERMINALS	Video Output: BNC Power input: 2 pin screwless terminal
VOLUME ADJUSTMENTS	Linelock phase adjustment; DC iris level adjustment
POWER SUPPLY	24VAC $\pm$ 10% (60Hz $\pm$ 1%) OR 12VDC $\pm$ 10%
POWER CONSUMPTION	Less than 3.5W
OPERATING TEMPERATURE	-10° - + 50°C
AMBIENT HUMIDITY	RH80% max (keep free from dampness)
EXTERNAL DIMENSIONS	60 (W) x 54 (H) x 103.3 (D) mm 2.36" (W) x 2.13" (H) x 4.07" (D)
WEIGHT	300g

DAY/NIGHT COMPATIBLE LENSES



2.8-6.0mm
1/3" CS-MT
F1.4



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



10-30mm
1/2" CS-MT
F1.4



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.



NEW YORK: 55 MALL DRIVE COMMACK, NY 11725 TEL: 1 (800) 422-6707 • (631) 864-9700 • FAX: (631) 543-5426
CALIFORNIA: 20521 EARL STREET TORRANCE, CA 90503 TEL: 1 (800) 888-0131 • (310) 793-1500 • FAX: (310) 793-1506



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