



CS Mount Camera

540 TVL True Day/Night Camera

ZC-NH250N

The ZC-NH250N features True Day/Night performance with a retractable IR cut filter providing hi-resolution color images during the day and high sensitivity B/W images at night. In the night mode, low light performance of 0.04 lux is achieved at F1.2, making this camera ideal for 24 hour surveillance. For outdoor installations, a time saving Pro-Pak kit is available including a camera and compatible lens pre-installed in a rugged outdoor housing.

Features:

- True day/night performance with retractable IR cut filter
- 540 TVL
- Exceptional low light sensitivity of 0.04 lux at F1.2
- 24VAC/12VDC auto-sensing dual voltage
- Available with a variety of **computar**® Day/Night compatible lenses
- UL Listed



Available pre-installed in
outdoor Pro-Pak Kits

ZC-NH250N

540 TVL True Day/Night Camera



Side view



Rear panel view

Specifications

Model	ZC-NH250N	
Type	Color True Day/Night	
Resolution (Horizontal)	540 TVL	
TV System	NTSC	
Synchronization System	Internal or Line Lock (Manual Switch)	
Image Sensor	1/3" CCD Interline	
Effective Elements	768 H x 494 V	
Image Output	1.0v P-P/75 ohms	
S/N Ratio	More than 50 dB	
Minimum Illumination	50 IRE	0.08 lux @ F1.2
	30 IRE	0.04 lux @ F1.2
Gamma Characteristics	0.45	
Auto Electronic Shutter	1/60 Fixed or 1/60 - 1/20,000	
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 - 1/20,000 seconds linear shutter	
Input & Output Terminals	Video Output: BNC, Power input: 2 pin screwless terminal	
Volume Adjustments	Line lock phase adjustment; DC iris level adjustment	
Power Supply	24VAC ± 10% (60Hz ± 1%) or 12VDC ± 10%	
Power Consumption	4.5 W or Less	
Operating Temperature	14° ~ 122° F / -10° ~ + 50° C	
Ambient Humidity	RH 80% max (no condensation)	
External Dimensions	60mm x 54mm x 103mm (W x H x D) 2.4" x 2.1" x 4" (W x H x D)	
Weight	.5 lbs./240g	

All specifications are subject to change without notice.

■ Lens Options: **computer**® IR Series Day/Night Compatible Lenses



2.9-8.2mm
1/3" CS-MT, F1.0



2.8-12mm
1/3" CS-MT, F1.3



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 2.9-8.2mm F1.0 aspherical lens is recommended for applications where maximum low light performance and/or IR lighting is required.



CBC (AMERICA) Corp.



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
www.computarganz.com © 2009 CBC (America) Corp. All Rights Reserved. 09/09