



# CR3SN5422

FIXED, HIGH-RESOLUTION COLOR CAMERA WITH  
12VDC/24VAC, BACK LIGHT COMPENSATION AND  
0.31 LUX SENSITIVITY

## KEY FEATURES

- 1/3" format CCD
- Day/Night mode
- 540 TV lines
- Operates on 12VDC or 24VAC
- Automatic lens detection
- CS and C mount lens support



High-resolution color and even greater resolution in color killer mode makes the CR3SN5422 a great choice for your security initiatives. This camera gives you flexibility and versatility with its low-light sensitivity, on/off back light compensation, the choice of 12VDC or 24VAC power, and a turbo automated gain control (AGC). A simple-to-operate, yet highly effective surveillance tool.

## GENERAL SPECIFICATIONS

Image Picture Element	1/3" format CCD sensor
Pixel Element	752H x494V 380K pixels
Scanning Frequency	NTSC 2 : 1 interlace / H : 15750Hz , V : 59.94Hz
Operation Temperature	-20degC to 50deg C
Storage Temperature	-30degC to -60deg C
Output	BNC 75 Ohm unbalanced
Power Input Terminal	Screw terminals
Power Operating Range	12VDC or 24VAC +/- 20%
Power Consumption	4.5 W max.
Power Indicator	Green LED on rear panel
Iris Connector	Video drive: 3Pin push lock terminal block on rear
Lens Mount	CS to C mount adjustable
Back Focus Adjust	Yes
Mounting Hole	1/4" top and bottom

## FUNCTIONAL SPECIFICATIONS

Exposure Control	Auto detect: auto electronic shutter/video auto-iris/DC auto-iris
Auto Electronic Shutter	Auto luminance control 1/60 to 1/100,000 sec auto
Auto-Iris Control	Video drive/DC drive separate output
Video Iris Output	1.0 Vp-p (100 IRE video output)
DC IRIS Output	650V at 85 Ohms
Backlight Compensation	Center Area for Auto-Iris and AES
White Balance	Auto White Balance
Auto White Balance Range	2700 degrees K to 9700 degrees K
Day and Night	Color killer auto detect by luminance (Fuzzy 30IRE to 80IRE)
AGC Boost	Enhanced AGC gain to max. 36dB
Color Killer	Fuzzy on/off
Synchronization	INT/line lock
Line Lock Phase Adjust Range	0 degrees to 270 and deg
Frequency Range	60Hz +/- 1Hz

## VIDEO SPECIFICATIONS

Resolution	540 TVL
Minimum Illumination	0.31lux @ F1.2
Video Output	1.0Vpp 75 ohm BNC unbalanced
S/N	48db
AGC Turbo Gain	30db
AGC Preset Gain	26db
H Aperture	10 IRE (r 0.45 100 IRE video output)
V Aperture	10 IRE (r 0.45 100 IRE video output)
Gamma Compensation	0.45



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## FUNCTION CONTROLS

Exposure Control	DC drive lens via variable-resistor
Color Killer	Fuzzy on/off
Backlight Compensation	On/off switchable
AGC Selectable	AGC normal/AGC turbo
Synchronization	INT/LL switchable on rear panel
V-Phase	Via resistor on rear panel
Lens Level Control	Via resistor on rear panel for DC drive lens

## RELATED PRODUCTS

[BKCM206 - Mounting Bracket for Box Camera](#)

(Click above product to view Web page/specification sheet)



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