



CFH22V2

**FIXED HIGH-RESOLUTION, COLOR CAMERA WITH
BACK LIGHT COMPENSATION, 0.7 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 CFH22v2 a great choice for your security initiatives. This camera gives you flexibility and versatility with its 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	3pin push lock terminal block
Power Operating Range	12VDC or 24VAC +/- 20%
Power Consumption	4.2 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	2500 degrees K to 9500 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	0.6lux @ F1.2
Video output	1.0Vpp 75 ohm BNC unbalanced
S/N	50db
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

[LVCS385I - Premium Plus Lens, IR Corrected, Aspherical, Varifocal, AI, F1.0, CS, 1/3", 3-8.5mm](#)

[LVCS2812I - Premium Plus Lens, IR Corrected, Aspherical, Varifocal, AI, F1.2, CS, 1/3", 2.8-12mm](#)

[LVCS755I - Premium Plus Lens, IR Corrected, Aspherical, Varifocal, AI, F1.3, CS, 1/3", 7.5-50mm](#)

[LVCS56 - Premium Lens, Varifocal, AI, F1.6, CS, 1/3", 5-60mm](#)

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

[HAM10 - Enclosure for Box Camera IP66](#)

[BK2 - Mounting Bracket for Enclosures or Box Cameras](#)

[HAM10HB - Enclosure for Box Camera IP66 with Heater and Blower](#)

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