



COLOR ENVIROCAM SERIES

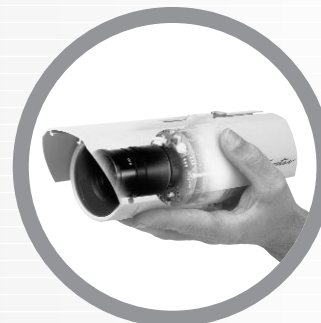
1/3" HYPER HAD CCD
COLOR DSP
WEATHERPROOF CAMERA



The CCC3560N is a 1/3" CCD High Res. Color Camera with 480 lines of resolution and low light sensitivity of 1 lux at F1.2 sensitivity. With advanced controls for BLC, AGC and Gamma, the CCC3560N provides superior high-resolution image quality for a variety of residential or commercial applications. This compact professional surveillance camera features a true weatherproof and dustproof housing. With heater, blower, and a 3.5-8mm vari-focal lens this camera is perfect for outdoor applications and indoor applications where dust and grease is a problem.

FEATURES

- 1/3" Hyper HAD color CCD
- Providing high resolution adapted to the digital signal processing
- 1 LUX low illumination at F1.2
- Internal (DC type) line lock and V-phase adjustable (AC type)
- For use with DC or video type auto iris lens
- AGC On/Off
- ELC/ALC
- Flickerless On/Off
- AWB/MWB (3 steps of white balance control)
- Heater and blower
- Vari-focal lens



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POWER

Power Source	24V AC, 60 Hz
Power Consumption	4.0W max

SENSOR AND GENERAL INFORMATION

Processing Technology	Hyper HAD
Image Sensor	1/3" Hyper HAD CCD
Picture Element	768H x 494V
Chip Size	6.0H x 4.96V mm
Unit Cell Size	6.35H x 7.4V mm
Scanning System	2:1 interlace
Scanning Frequency	15.75KHz(H), 60Hz(V)
Sync System	Line lock-24V AC
Vert Phase Adjust Range	0° to 360°
Electronic Shutter	1/60 ~ 1/100,000 sec.
Operating Temperature	14°F to 122°F (-10°C to +50°C)
Operating Humidity	<96% non-condensing

VIDEO

Signal Format	NTSC 525 lines
Resolution	480 TV lines
Minimum Illumination	1.0 Lux (F1.2)
Video Output	1.0 Vp-p, 75 Ohms unbalanced
Video Iris Output	650mV at video out 1.0 Vp-p
S/N Ratio	46 dB (AGC Off)
BLC Size	25% ctr, top 1/2, bottom 1/2, off (full)
Sync Level	39 ~ 41 IRE

FUNCTIONS

Auto Iris Control (E.I.)	Auto (On), Man (Off) (dip switch)
Manual Shutter Control	1/60, 1/100(F.F.), 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000, (default 1/60) (8-Position wheel)
Auto-iris	AI/DC (dip switch)
BLC	25% center, top 1/2, bottom 1/2, Off (full) (2 dip switches)
Gamma	On(0.45)/Off(1) (dip switch)
AGC	On/Off (dip switch)
Vert Phase Adjust	Adjustable (tact switch up/down)
DC Iris Level Adjust	Adjustable (Potentiometer)
White Balance	Auto (3200°K ~ 8000°K), 3200°K, 4200°K, 6300K (2 dip switches)

CONNECTOR AND MECHANICAL

Lens Mount	C/CS (selected through back-focus adjust)
Back-focus & C/CS Adjust	Built-in back-focus ring with thumb wheel adjustment (Range: -1.5mm to +6.5mm)
B/F & C/CS Lock	Phillips tension screw
External Dimensions	2.9W x 3.7H x 8.6D in (75W x 95H x 220D mm)
Weight	2.8lbs (1.25 Kg)

CAMERA OPTIONS

CCC3560N	1/3" 480 TVL Color; blower 3.5-8mm direct drive lens
CCC3560NH	1/3" 480 TVL Color with heater and blower 3.5-8mm direct drive lens
CCC3570N	1/3" 480 TVL Color with blower and auto video Iris 3.5-8mm lens
CCC3570NH	1/3" 480 TVL Color with heater and blower auto video Iris 3.5-8mm lens

RECOMMENDED MONITORS

CMC1400N	14" high-performance multi-standard, color monitor with OSD
CMC2100N	21" high-performance multi-standard, color monitor with OSD

RECOMMENDED VIDEO RECORDERS

CR611	8-hour event recorder
CR3030	30-hour virtual real-time/30-hour high-density recorder with time/date search
CR3960	30-hour virtual real-time/960-hour high-density recorder with time/date search

Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm
Measurement conversions are approximate



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