



## MODEL **CCM3400N**

1/3" CCD  
STANDARD-RESOLUTION  
BLACK & WHITE CAMERA



The CCM3400N 1/3" CCD standard-resolution black-and-white camera features 400 lines of resolution and .05 lux at F1.2 sensitivity. The CCM3400N produces clear, sharp images for typical surveillance applications. The C/CS back-focus ring and terminal strip make the installation process easier. The CCM3600N provides quick connection for video or DC lenses with a 4-pin connector.

## FEATURES

- Standard-resolution 1/3" B/W CCD technology
- 400 lines of resolution
- 0.05 lux @ F1.2 sensitivity
- C/CS, back-focus cam for easy adjustment
- Automatic BLC and AGC functions
- Auto electronic shutter
- Accepts video or DC lenses with dip switch select
- Quick connect for video or DC lens with 4-pin connector
- 24V AC line lock
- Limited 3-year warranty

*Our people make a difference.*

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# MODEL CCM3400N

## POWER

Power Source	24V ac, 60Hz
Power Consumption	3.0 Watts max
Power Indicator	Red LED

## SENSOR INFORMATION AND GENERAL

Image Sensor	1/3" interline transfer CCD (Sony chip set)
Picture Element	537H x 597V
Chip Size	6.0H x 4.96Vmm
Unit Cell Size	9.6H x 7.5Vm
Scanning System	2:1 interlace
Scanning Frequency	15.75KHz(H), 60Hz(V)
Sync System	Line lock
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	EIA 525 lines
Resolution	400 TV lines
Minimum Illumination	0.05 lux (F1.2)
Video Output	1.0 Vp-p, 75 Ohms unbalanced
Video Iris Output	700mV at video out 1.0 Vp-p
S/N Ratio	50dB (AGC Off)
BLC Size	60% Center (BLC On)
Sync Level	40 IRE

## FUNCTIONS

Shutter Control (E.S.)	On (auto) /Off (1/60) (dip switch)
Auto-iris	Video/DC (dip switch)
Vert Phase Adjust	Adjustable (Potentiometer)
DC Iris Level Adjust	Adjustable (Potentiometer)

## CONNECTOR AND MECHANICAL

Video Output	BNC connector
Power Input	3-screw terminal block (push-pin type)
AI Output	4-pin standard jack
Lens Mount	C/CS
Back Focus & C/CS Adjust	Back-focus ring with thumb wheel adjustment

B/F & C/CS Lock	Phillips tension screw
Mounting Hole	1/4"-20 UNC top and bottom
External Dimensions	2.25"(W) x 2.0"(H) x 4.3"(L) 57mm(W) x 52mm(H) x 110mm(D)
Weight	10oz (275g)

## RECOMMENDED MONITORS

CMM0900N	9" B/W multi-standard monitor
CMM1200N	12" B/W multi-standard monitor
CMM1400N	14" B/W multi-standard monitor
CMM1700N	17" high-performance multi-standard, B/W monitor with OSD
CMM2000N	20" high-performance multi-standard, B/W monitor with OSD

## RECOMMENDED VIDEO RECORDERS

CR611	8-hour event recorder
CR3030	30-hour virtual real-time 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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