



MODEL CCC3300N

1/3" HIGH-PERFORMANCE COLOR CAMERA



Using advanced DSP CCD technology, the CCC3300N is a 1/3" CCD high-performance color camera. The CCC3300N features 330 lines of resolution, a sensitivity of 0.8 lux at F1.2 and powerful image controls such as BLC, AGC auto/manual white balance, and Gamma control. The C/CS back focus ring and push-button terminal strip mean easy installation and quick adjustment. Switch between auto electronic shutter and manual electronic shutter modes (1/60 to 1/100,000) as your application needs change.

FEATURES

- High-performance 1/3" advanced DSP color CCD technology
- 330 lines of resolution
- 0.8 lux @ F1.2 sensitivity
- C/CS, back-focus camera for easy adjustment
- Auto electronic shutter & manual electronic shutter modes from 1/60 to 1/100,000
- Accepts video or DC lenses with dip switch select
- Quick connect for video or DC lens with 4-pin connector
- BLC, Gamma, AGC adjustments
- 24V AC power supply
- Auto & manual white balance modes
- Limited 3-year warranty

Our people make a difference.

Choice. Value. Service.

1420 Halsey Way, Suite 140 • Carrollton, TX 75007
Tel: 972-446-8844 • Fax: 972-446-8866 • 1-888-694-STAR (7827) www.costarvideo.com

MODEL **CCC3300N**

POWER

Power Source	24V AC, 60 Hz
Power Consumption	4.5W max
Power Indicator	Red LED

SENSOR AND GENERAL INFORMATION

Processing Technology	Sony DSP
Image Sensor	1/3" interline transfer CCD (Sony chip set)
Picture Element	510H x 492V
Chip Size	6.0H x 4.96V mm
Unit Cell Size	9.6H x 7.5V mm
Scanning System	2:1 interlace
Scanning Frequency	15.75KHz(H), 60Hz(V)
Sync System	Line lock-24V AC; internal-12V DC
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	330 TV lines
Minimum Illumination	0.8 (F1.2) w/AGC on
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	40% center
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, 1/4,000, 1/10,000, 1/100,000 (default 1/60) (8-Position wheel)
Auto-iris	Video/DC (dip switch)
BLC	40% center (On/Off dip switch)
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

Video Output	BNC connector
Power Input	3-pin push-button terminal block
AC/DC Output	4-pin standard jack
Lens Mount	C/CS (selected through back focus)
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
Mounting Hole	1/4"-20 UNC top and bottom
External Dimensions	2.4W x 2.2H x 5.4D in (62W x 55H x 138D mm)
Weight	18.9 oz (535 g)

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



Distributed by

1420 Halsey Way, Suite 140 • Carrollton, TX 75007
Tel: 972-446-8844 • Fax: 972-446-8866 • 1-888-694-STAR (7827)
www.costarvideo.com