



C300CN

Advanced Technology Video, Inc.



Professional High Resolution Color Camera

- High-performance 1/3" SONY DSP color CCD technology
- High resolution color
- Auto power detection for increased camera protection
- General all purpose for a wide range of applications
- High degree of compatibility with video or DC-type lenses
- Supports standard C or CS mount lenses
- Equipped with electronic iris
- Auto Gain Control adjustment
- Advanced Back Light Compensation
- Toolless power connections
- Attractive cosmetic design

DSP Camera

C300CN SPECIFICATIONS

POWER

Power Source	AC 24Vac +/-10%, 50/60Hz +/-1Hz DC 12Vdc +/-10%
Power Consumption	3.2 Watts

GENERAL

Image Sensor	1/3" interline transfer CCD [SONY DSP]
Picture Element (HxV)	NTSC: 795 x 596, PAL 811 x 508
Scanning System	2:1 interlace
Scanning Frequency	NTSC : 15.75KHz(H), 60Hz(V), PAL : 15.625KHz(H), 50Hz(V)
Operating Temperature	-10° C ~ 50° C (14° F~122° F)
Sync System	Line lock / Internal
Electronic Shutter	NTSC : 1/60 ~1/100,000 sec., PAL : 1/50 ~1/100,000 sec.

VIDEO

Signal Format	NTSC : 525 lines, PAL : 625 lines
Resolution	NTSC : High 480 TVL , PAL : High 470TVL
Min. Illumination	0.8 Lux at F1.2 Lens, 50IRE)
Video Output	1.0 Vp-p (75 ohm)
White Balance	ATW [2800~8000K]
S/N Ratio	50dB (AGC off)

FUNCTIONS

Auto/Man Shutter	Auto (on). Manual (off) (dip switch) Manual shutter 8 mode NTSC : 1/60 - 1/10000, PAL : 1/50- 1/10000
Flickerless (FF)	ON / OFF (Dip switch)
BLC	ON / OFF (Dip switch)
Electronic Iris	ON / OFF (Dip switch)
Auto Iris Lens	DC / VIDEO (Dip switch)
AGC Select (AGC on)	NOR / HI (Dip switch)
AGC	ON / OFF (Dip switch)
White Balance	ON / OFF (4 Mode : ATW, Quick, Indoor, Outdoor) (Dip switch)
Sync	Internal / Line lock (Dip switch)

MECHANICAL

DC iris Level	Adjustable
Phase Level	Adjustable
Video Output	BNC
Power Input	3-pin terminal block (push type connector)
Auto Iris Output	4-pin Mini DIN jack
Lens Mount	C/CS (Selected through back focus)
Mounting Hole	1/4 "-20 UNC top and bottom
Dimensions (WxHxD)	2.4" x 2.1" x 5.0" (62mm x 54mm x 127mm)
Weight	.715lb (325kg)

Specifications subject to change without notice.

DIMENSIONS

