



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

C3IOCN 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



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