



FEATURES

- 1/3-inch interline color **CCD**
- 330 TV lines resolution
- 2.0 lux light sensitivity
- Supports DC-type or EE-type auto iris lenses
- CS lens mount with C adapter

- Automatic white balance
- Automatic electronic shutter
- Automatic gain control
- 12 VDC input
- Low power consumption

ADC700 and ADC700X

1/3-INCH COLOR CCD CAMERA

The ADC700 and ADC700X color 1/3-inch CCD cameras are an excellent choice for value driven, entry level applications.

With 330 TV lines resolution and other advanced features, the camera delivers a clean, sharp picture. Good low light sensitivity (2.0 lux, f1.2), along with automatic electronic shutter and automatic gain control, assures that the camera will operate in a wide range of lighting conditions. For more extreme lighting conditions, the camera also supports the use of DC-type or EE-type auto iris lenses.

SPECIFICATIONS

Model Numbers

Operational

 $\begin{tabular}{ll} Imager & ... & ... Interline transfer 1/3-inch CCD array \\ Video Output & ... & ... 1.0 \ Vp-p \ / \ 75 \ \Omega, composite \\ \end{tabular}$

Active Pixel Count

Minimum Scene

Light Compensation

ModesAutomatic electronic shutter, On/Off

(NTSC 1/60 -1/100,000 sec) (PAL 1/50 - 1/100,000 sec)

Controls

AESOn/Off

DC Auto Iris Level control

Auto IrisDC/EE-type, selectable

Connectors

Input PowerStandard 2.0 mm, jack-center pin positive

Composite Video BNC

Auto IrisDC/EE-type, 4 pin square

connector

Electrical

 $\begin{array}{lll} Voltage & ... & ... & ... & ... & ... & ... \\ Power Consumption & ... & ... & ... & ... & ... \\ 3.0 \ watts \ (maximum) & ... & ... & ... \\ \end{array}$

Mechanical

Lens Mount

Dono modine minimi	Title beardard with a adapter meraded
Camera Mount	1/4 in - 20 (top and bottom) embedded
Dimensions (H x W x L) .	50 x 62 x 108 mm
	(1.97 x 2.44 x 4.26 in)
TT 4. TTT 4 1 .	0.45 . (0.70.11)

CS standard with C adapter included

 Unit Weight
 .345 g (0.76 lbs)

 Shipping Weight
 .526 g (1.40 lbs)

 Color
 . Light gray

Environmental

Regulatory

Emissions	FCC: Part 15, Class B
	CE: EN55022
Immunity	CE: EN50130-4
Safety	UL2044

Recommended Housings*

AD1301, AD1303, AD1305, AD1314, AD1315 AD1317, AD1335, AD1337, AD1348 *Dependent on lens dimensions.

Recommended Camera Mounts

ADMC1361, ADMC1362, ADMC1363 ADMC1365, ADMC1366, ADCM100T

Accessories

ADC112	120 VAC to 12 VDC regulated power
	supply
ADC112X.	

supply

