

FEATURES

- 1/3-inch interline black & white CCD
- 380 TV lines resolution
- 0.5 lux light sensitivity
- Sensitive to IR illumination
- Supports EE-type auto iris lenses
- CS lens mount with C adapter
- Automatic electronic shutter
- Automatic gain control
- 12 VDC input
- Low power consumption

AMERICAN DYNAMICS

ADC500 and ADC500X

1/3-INCH BLACK & WHITE CCD CAMERA

The ADC500 and ADC500X black & white 1/3-inch CCD cameras are an excellent choice for value driven, entry level applications.

Featuring sensitivity of 0.5 lux (f1.2), along with automatic electronic shutter and automatic gain control, the camera will operate in a wide range of lighting conditions. For more extreme lighting conditions, the camera also supports the use of EE-type auto iris lenses.

With 380 lines of resolution and other advanced features, the camera delivers clean, sharp pictures.

These cameras are sensitive to infrared light and are suitable for use in covert surveillance applications when used in conjunction with IR illuminators.

SPECIFICATIONS

Model Numbers

Operational

Active Pixel Count

Minimum Scene

 $\begin{tabular}{ll} Illumination & ... &$

Light Compensation

ModesAutomatic electronic shutter, On/Off

(EIA 1/60 -1/100,000 sec) (CCIR 1/50 - 1/100,000 sec)

Auto Iris Drive EE-type
Synchronization Modes Internal
Geometric Distortion ... None
S/N Ratio-48 dB

Controls

AES/Auto Iris Selectable

Connectors

jack-center pin positive

Composite Video BNC

Auto IrisEE-type, 4 pin square connector

Electrical

Mechanical

Dimensions (H x W x L)50 x 62 x 108 mm (1.96 x 2.44 x 4.25 in)

 Unit Weight
 .360 g (0.79 lbs)

 Shipping Weight
 .526 g (1.4 lbs)

 Color
 .Light gray

Environmental

Operating Temperature0° to 50°C (32° to 122°F) Humidity85% RH (non-condensing) Storage Temperature30° to 60°C (-22° to 140°F)

Regulatory

 Emissions
 .FCC: Part 15, Class B

 CE: EN55022

 Immunity
 .CE: 50130-4

 Safety
 .UL2044

Recommended Housings*

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

Recommended Camera Mounts

ADMC1361, ADMC1362, ADMC1363 ADMC1365, ADCM100T, ADMC1366

Accessories

