

ADC660N and ADC660P

1/3-inch Black & White CCD Camera

Features That Make a Difference:

- 1/3-inch interline black & white CCD
- 580 TV lines resolution
- 0.03 lux low light sensitivity
- Sensitive to IR illumination
- Supports DC-type or EE-type auto iris lenses
- CS lens mount
- Aperture correction
- Automatic electronic shutter
- Automatic gain control
- Automatic backlight compensation
- Phase adjustable line-lock
- Flicker-less mode
- 24 VAC or 12 VDC input
- Internal isolation transformer
- Low power consumption



The ADC660N and ADC660P black & white 1/3-inch CCD cameras are full-performance, high-resolution imagers.

Incorporating the latest in CCD technology, the camera provides improved control of video processing; this allows it to deliver higher resolution (580 TV lines) and enhanced sensitivity (0.03 lux).

The camera can operate in extremely low light conditions, making it the perfect choice for any type of video application that requires higher levels of sensitivity and image quality. These cameras are sensitive to infrared light and are suitable for use in covert applications when used in conjunction with IR illuminators.

The performance features of this camera make it the ideal choice to be used with other peripheral CCTV equipment such as indoor and outdoor housings.

Model Numbers

ADC660N EIA RS-170 Camera
ADC660P CCIR Camera

Operational

Imager Interline transfer 1/3-inch CCD array
Video Output 1.0 Vp-p / 75Ω, composite
Active Pixel Count
EIA 768 (H) x 494 (V) pixels
CCIR 752 (H) x 582 (V) pixels
Minimum Scene
Illumination 0.03 lux (f1.2 lens)
Horizontal Resolution 580 TV lines
Light Compensation
Modes Automatic electronic shutter, On/Off
(EIA 1/60 - 1/100,000 sec)
(CCIR 1/50 - 1/100,000 sec)
Auto Iris Drive DC or EE-type
Backlight Compensation On/Off selectable
Aperture Correction Yes
Synchronization Modes Line-lock with phase adjustment
S/N Ratio -50 dB

Controls

AES On/Off
BLC On/Off
Back Focus Self locking mechanism
Auto Iris DC/EE-type, switchable
DC Iris Level control

Connectors

Composite Video BNC
Auto Iris
EE-type Screw terminals
DC-type 4 pin square

Electrical

Voltage 24 VAC ±20%, 50 Hz (CCIR), 60 Hz (EIA)
12VDC ±10%, 50 Hz (CCIR)
Power Consumption 2.2 watts

Mechanical

Lens Mount CS standard with C adapter included
Camera Mount 1/4-inch - 20 (top or bottom)
Dimensions (H x W x D) 55 x 55 x 120 mm (2.16 x 2.16 x 4.72 in)
Unit Weight 400 g (0.9 lbs)
Shipping Weight 680 g (1.51 lbs)
Color Light gray

Environmental

Operating Temperature -10° to 50°C (14° to 122°F)
Storage Temperature -30° to 60°C (-22° to 140°F)
Humidity 85% RH (non-condensing)

Regulatory

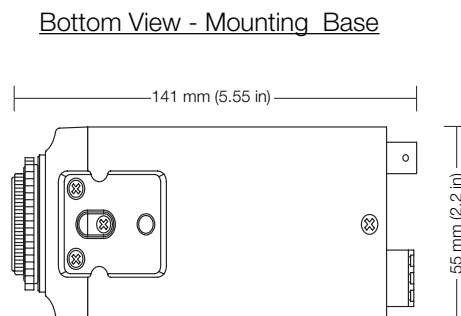
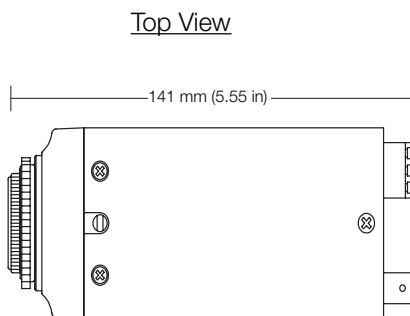
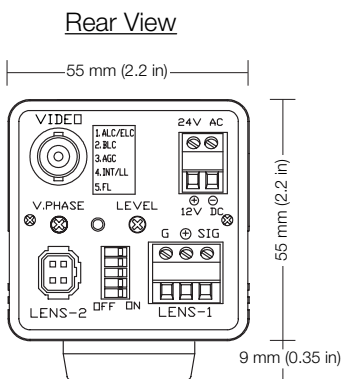
Emissions FCC: Part 15 Subpart B Class A
CE EN 55022:2006
Immunity CE: EN50130-4 :1995+A2 :2003
Safety UL2044; CAN/CSA 22.2

Recommended Housings*

ADCH10, AD1314, AD1301, AD1303, AD1305
*Dependent on lens dimensions.

Recommended Camera Mounts

ADMC1361, ADMC1362, ADMC1363, ADMC1365,
ADMC1366, ADCM100T



Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

© 2008 Tyco International Ltd. and its respective companies. All rights reserved. AD0132-DS-200804-R02-LT-EN

www.americandynamics.net

