



ADC720 Series

COLOR SPECIALTY CAMERAS



ADC720D



ADC723PIR



ADC722WP



ADC721B

FEATURES

- 1/3-inch interline color imager, NTSC format
- 330-line color imager
- Sharp picture
- 2.0 lux light sensitivity
- Sensitive to IR illumination
- Discreet housings
- Automatic electronic shutter
- Automatic gain control
- Auto tracing white balance
- 12 VDC input via included power supply
- ADC722WP includes IR illumination and is weather resistant

The ADC720 Series cameras feature a color imager that delivers a sharp picture at a very economical cost.

The ADC720 Series offers cameras in housings different than your typical standard camera.

The ADC720D features a 3.5-inch discreet dome housing that is an attractive alternative to a standard camera.

The ADC721B features a low silhouette tube design that will fit in with most decors.

The ADC722WP is a weather resistant tube design that meets IP57 for weather resistance. The built in IR illumination LEDs allow this camera to produce a picture with 0 lux ambient light. The 12 IR LEDs provide coverage up to 10 meters (30 ft) to deliver a sharp picture while producing no visible light. In low light when the IR illuminators are operating the camera electronically switches to black and white.

The ADC723PIR is a camera mounted in a standard motion detector shell. The camera blends in to the background appearing as a security system device. People are unaware that there is video surveillance in the area.

AMERICAN DYNAMICS ADC720 SERIES COLOR SPECIALTY CAMERAS

SPECIFICATIONS

Model Numbers

ADC720D	Color camera in 3.5-inch micro dome with 3.6 mm lens
ADC721B	Color camera in Bullet housing with 3.6 mm lens and mount
ADC722WP	Color camera in weatherproof Bullet housing with 4.0 mm lens and IR illuminators and mount
ADC723PIR	Color camera in non-functional PIR detector housing with 3.6 mm lens

Operational

NTSC Imager	Interline transfer 1/3-inch CCD
Video Output	1.0 Vp-p 75
Active Pixels Count	512 (H), 492 (V)
Minimum Scene Illumination	2.0 lux at F2.0
Horizontal Resolution	330 TVL
Light Compensation Modes	Auto electronic shutter 1/60 to 1/100,000
Synchronization Modes	Internal
White Balance	Automatic
Geometric Distortion	None
S/N Ratio	-48 dB

Input Connectors

Input Power	2.1 mm
Composite Video	BNC on cable

Electrical

Input Voltage	120VAC @ 60Hz
Power Supply Output	12VDC (±10%)
Power Consumption	ADC720D 120 mA
	ADC721B 120 mA
	ADC722WP 120 mA
	ADC723PIR 280 mA

Regulatory

Emissions	FCC Part 15, Class B ICES-003
Safety	UL 1585 (power supply only)

Environmental

Operating Temperature	-10° to 50° C (14° to 122° F)
Humidity	90% RH (non-condensing)
ADC522WP	100% RH
Storage Temperature	-30° to +60° C (-22° to 140° F)

	ADC720D	ADC721B	ADC722WP	ADC723PIR
Dimensions	87 x 57 mm 3.4 x 2.2 in (D x H)	26 x 87 mm 1.02 x 3.4 in (D x L)	65 x 105 mm 2.5 x 4.1 in (D x L)	70 x 110 x 49 mm 2.7 x 4.3 x 1.9 in (W x H x D)
Weight	180 g 6.3 oz	305 g 10.7 oz	550 g 19.4 oz	185 g 6.5 oz
Shipping Weight	430 g 15.3 oz	555 g 19.7 oz	800 g 28.3 oz	435 g 15.4 oz
Environmental	Indoor Only	Indoor Only	IP57	Indoor Only

Note: All ADC720 Series cameras ship with a 120 VAC to 12 VDC UL listed power supply with a 6 foot cord. 12 VDC cameras will not line-lock and are not recommended to be used in a matrix switcher environment.