



ADC520 Series

BLACK AND WHITE SPECIALTY CAMERAS



ADC520D



ADC523PIR



ADC522WP



ADC521B

FEATURES

- 1/3-inch interline black and white imager
- 380-line B/W imager
- Sharp picture
- 0.5 lux light sensitivity
- Sensitive to IR illumination
- Discreet housings
- Automatic electronic shutter
- Automatic gain control
- 12 VDC input
- ADC522WP includes IR illumination and is weather resistant

The ADC520 Series cameras feature a black and white imager that delivers a sharp picture at a very economical cost.

The ADC520 Series offers cameras in housings different than your typical standard camera.

The ADC520D features a 3.5-inch discreet dome housing that is an attractive alternative to a standard camera.

The ADC521B features a low silhouette tube design that will fit in with most decors.

The ADC522WP 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.

The ADC523PIR 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.

SPECIFICATIONS

Model Numbers

ADC520D	B/W camera in 3.5-inch micro dome with 3.6 mm lens
ADC521B	B/W camera in Bullet Housing with 3.6 mm lens
ADC522WP	B/W camera in WP Bullet Housing with 4.0 mm lens and IR illuminators
ADC523PIR	B/W camera in non-functional PIR detector housing with 3.6 mm lens

Operational

Imager	Interline transfer 1/3-inch CCD
Video Output	1.0 Vp-p 75
Active Pixels Count	510 (H), 492 (V)
Minimum Scene Illumination	0.5 lux at F2.0
Horizontal Resolution	380 TVL
Light Compensation Modes	Auto electronic shutter 1/60 to 1/100,000
Synchronization Modes	Internal
Geometric Distortion	None
S/N Ratio	-48 dB

Input Connectors

Input Power	2.1 mm
Composite Video	BNC on cable

Electrical

DC Voltage	12 VDC (±10%)
Power Consumption	ADC520D 120 mA
	ADC521B 120 mA
	ADC522WP 120 mA
	ADC523PIR 240 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)

Accessories

All ADC520 Series cameras ship with required mount and hardware for wall mounting.
All ADC520 Series cameras ship with a 120 VAC to 12 VDC UL listed power supply.

	ADC520D	ADC521B	ADC522WP	ADC523PIR
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 ADC520 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.