

# V5111-A2 & V5112-A2 Series

## Fixed Electronic Day/Night & Day/Night Camera

**Infinova**  
The Integrator's Manufacturer

### Features



- 1/3" SONY HAD CCD sensor
- Resolution: 480 TVL
- Electronic Day/Night functionality (V5111-A2 series); Automatic Day/Night functionality with ICR filter (V5112-A2 series)
- High sensitivity, anti-blooming and S/N ratio
- Auto Electronic Shutter (AES), Auto Gain Control (AGC), Auto White Balance / Manual White Balance (ATW/MWB), Flickerless (F.L.), Backlight Compensation (BLC)
- Back Focus adjustment
- Supports both DC-Drive and VIDEO-Drive lens
- LEVEL adjustment
- 12VDC/24VAC power supply



(Lens not included)

### Ordering Information

V5111-A2004	Analog fixed camera, 1/3 inch CCD, Electronic day/night, 480TVL, NTSC, 12VDC/24VAC
V5111-A2014	Analog fixed camera, 1/3 inch CCD, Electronic day/night, 480TVL, PAL, 12VDC/24VAC
V5112-A2004	Analog fixed camera, 1/3 inch CCD, Day/night, 480TVL, NTSC, 12VDC/24VAC
V5112-A2014	Analog fixed camera, 1/3 inch CCD, Day/night, 480TVL, PAL, 12VDC/24VAC

#### RECOMMENDED ACCESSORIES

For V5111-A2, Vari-Focal Lenses – (Fixed and Zoom Lenses are also available)

V1122-308	Lens, f=3.0-8mm, F/1.0, DC auto iris, 1/3 inch, CS
V1122-2812	Lens, f=2.8-12mm, F/1.4, DC auto iris, 1/3 inch, CS
V1122-550	Lens, f=5-50mm, F/1.4, DC auto iris, 1/3 inch, CS

For V5112-A2, Vari-Focal IR Lenses – (Fixed and Zoom Lenses are also available)

V1132-3085	Lens, IR correction, f=3.0-8.5mm, F/1.0, DC auto iris, 1/3 inch, CS, Aspherical
V1132-2812	Lens, IR correction, f=2.8-12mm, F/1.2, DC auto iris, 1/3 inch, CS, Aspherical
V1132-7550	Lens, IR correction, f=7.5-50mm, F/1.3, DC auto iris, 1/3 inch, CS, Aspherical

#### Power Supplies

N3921-24A-1	Power Supply, 24VAC, 20VA, Plug-In, 120 VAC
N3921-24A-2	Power Supply, 24VAC, 20VA, Plug-In, 230 VAC

#### Indoor Adjustable Mounts for Ceiling and Wall

V1551-7	Fixed camera direct mount; 7 inch
V1551-10	Fixed camera direct mount; 10 inch

#### Indoor/Outdoor Wall Mount Housings are available

V1400 Series	Fixed Camera Housing, Optional Heater and Blower
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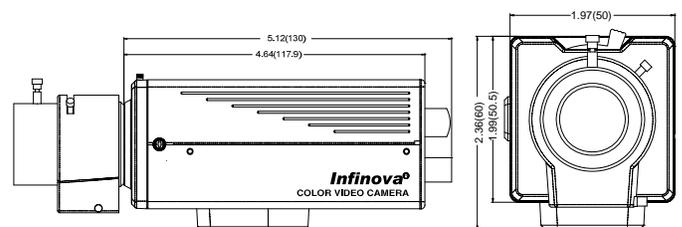
### Description

Infinova's V5111-A2 & V5112-A2 series fixed cameras feature a high resolution 1/3" SONY HAD CCD sensor. Advanced Digital Signal Processing (DSP) provides 480 TV lines of resolution and excellent S/N ratio of more than 54 dB.

The V5111-A2 series have electronic Day/Night functionality. While the V5112-A2 series have automatic Day/Night functionality thanks to built-in ICR filter. High quality images with the smallest details are available even in low light conditions. These cameras are the perfection solution for a 24x7 around-the-clock surveillance.

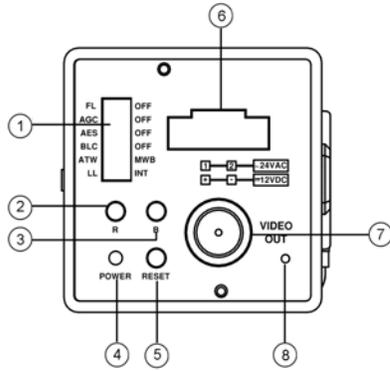
The V5111-A2 & V5112-A2 series cameras are made of aluminum alloy construction and have an operating temperature of 14°F ~ 122°F (-10°C ~ 50°C). They are available in manual or DC/VIDEO auto-iris, C/CS-mount lens. These cameras are the ideal surveillance solution for shopping malls, banks, office buildings, parking lots, city streets and other applications.

### Dimensions



(Unit: inch, in the parentheses is mm)

## Back Panel



- ① DIP Switch
- ② Color Temperature (Red)/Phase-Adjust Key
- ③ Color Temperature (Blue)/Phase + Adjust Key
- ④ Power LED Indicator
- ⑤ Reset
- ⑥ Power Input Terminal
- ⑦ Video Output
- ⑧ Anti-falling Screw

## Specifications

Model	V5111-A2	V5112-A2
Image Sensor	1/3" SONY HAD CCD	
Effective Pixels (H x V)	NTSC: 768x494; PAL: 752x582	
Scanning System	2:1 interlacing	
Resolution	480 TVL	
Sensitivity	Color mode: 0.5 lux @ F1.2 (30 IRE, AGC ON) B/W mode: 0.3 lux @ F1.2 (30 IRE, AGC ON)	Color mode: 0.5 lux @ F1.2 (30 IRE, AGC ON); B/W mode: 0.02 lux @ F1.2 (30 IRE, AGC ON)
S/N Ratio	> 48dB (AGC OFF)	
Auto Electronic Shutter	ON/OFF, NTSC: 1/60~1/100,000s, PAL: 1/50~1/100,000s	
Auto Iris	DC Drive or VIDEO Drive	
Lens Mount	C or CS mount (adjustable)	
Gamma Correction	0.45	
White Balance	ATW/MWB	
Color Temperature Range	2400K~8000K	
Auto Gain Control	ON/OFF	
Backlight Compensation	ON/OFF	
Flickerless Mode	ON/OFF, NTSC: 1/100s, PAL: 1/120s	
Sync. System	Internal/ Line Lock	
Video Output	1.0 Vp-p (75 Ohm), BNC connector	
Power Supply	12 VDC/24 VAC	
Power Consumption	4W (maximum)	5W (maximum)
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)	
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)	
Operating Humidity	0~90% RH (non-condensing)	
Unit Dimensions (HxWxL)	2.36" x 1.97" x 5.12"(60 mm x 50 mm x 130 mm)	
Box Dimensions (LxWxH)	7.28" x 4.13" x 3.78" (185 mm x 105 mm x 96 mm)	
Unit Weight	0.79 lbs. (0.36 kg)	
Shipping Weight	1.10 lbs. (0.50 kg)	
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, (Certificate No.: BCT10LC-2145E); FCC: Part 15 Subpart B (Certificate No.: BCT10LC-2146E); ISO 9001: 2008	