

V5101-A5 & V5102-A5 Series

High Resolution Electronic Day/Night & Day/Night Camera

Infinova
The Integrator's Manufacturer

Features



- 1/3" SONY Super HAD II CCD sensor
- Resolution: 560 TVL
- Electronic Day/Night functionality (V5101-A5 series); Automatic Day/Night functionality with ICR filter (V5102-A5 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), 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

V5101-A5004	Analog fixed camera, 1/3 inch CCD, Electronic day/night, 560TVL, NTSC, 12VDC/24VAC
V5101-A5014	Analog fixed camera, 1/3 inch CCD, Electronic day/night, 560TVL, PAL, 12VDC/24VAC
V5102-A5004	Analog fixed camera, 1/3 inch CCD, Day/night, 560TVL, NTSC, 12VDC/24VAC
V5102-A5014	Analog fixed camera, 1/3 inch CCD, Day/night, 560TVL, PAL, 12VDC/24VAC

RECOMMENDED ACCESSORIES

For V5101-A5, 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 V5102-A5, 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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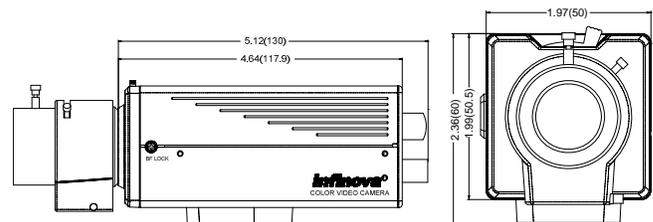
Description

Infinova's V5101-A5 & V5102-A5 series high resolution cameras feature a high resolution 1/3" SONY Super HAD II CCD sensor. Advanced Digital Signal Processing (DSP) provides 560 TV lines of resolution and excellent S/N ratio of more than 54 dB.

The V5101-A5 series have electronic Day/Night functionality. While the V5102-A5 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.

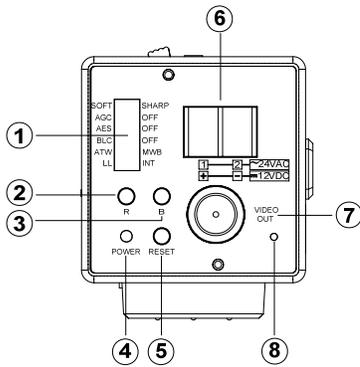
The V5101-A5 & V5102-A5 series cameras are made of aluminum alloy construction and have an operating temperature of 14°F ~ 122°F (-10°C ~ 50°C). They are available in manual or DC/VIDEO auto-iris, C/CS-mount lens. These cameras are the ideal surveillance solution for shopping malls, banks, office buildings, parking lots, city streets and other applications.

Dimensions



(Unit: inch, in the parentheses is mm)

Description



- 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	V5101-A5	V5102-A5
Image Sensor	1/3" SONY Super HAD II CCD	
Effective Pixels (H × V)	NTSC: 768×494; PAL: 752×582	
Scanning System	2:1 interlacing	
Resolution	560 TVL	Color mode: 560 TVL; B/W mode: 600 TVL
Sensitivity	Color mode: 0.5 lux @ F1.2 (30 IRE, AGC ON); B/W mode: 0.24 lux @ F1.2 (30 IRE, AGC ON)	Color mode: 0.5 lux @ F1.2 (30 IRE, AGC ON); B/W mode: 0.01 lux @ F1.2 (30 IRE, AGC ON)
S/N Ratio	> 54 dB (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	2600K~9000K	
Auto Gain Control	ON/OFF	
Backlight Compensation	ON/OFF	
Sync. System	Internal/ Line Lock	
Video Output	1.0 Vp-p (75 Ohm), BNC connector	
Power Supply	12 VDC/24 VAC	
Power Consumption	4W	6W (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 (H×W×L)	2.36" x1.97" x 5.12"(60 mm × 50 mm × 130 mm)	
Box Dimensions (L×W×H)	7.28" × 4.13" × 3.78" (185 mm ×105 mm ×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.: BCT09BC-075E); FCC: Part 15 Subpart B (Certificate No.: BCT09BC-074E); ISO 9001: 2008	