V5121-A5 & V5122-A5 Series

High-performance Color & Day /Night Camera

Infinova
The Integrator's Manufacturer

Features

- 1/3" SONY Super HAD II CCD sensor
- Resolution: 560TVL
- S/N ratio: > 54dB
- B/W and Color mode switching, settable AUTO/ DAY/ NIGHT mode (V5122-A5 series)
- Supports OSD menu control and RS485 remote control
- Auto Electronic Shutter (AES), Auto Gain Control (AGC), Backlight Compensation (BLC), Flickerless Mode (F.L.), White Balance (ATW/MANUAL/INDOOR/OUTDOOR)
- View tampering alarm
- Settable gamma curve, for CRT/LCD monitor use
- Iris LEVEL adjustment
- Back Focus adjustment
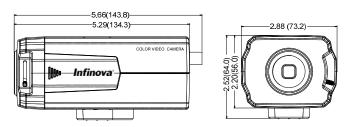- 12VDC/24VAC power input, centralized power-supply mode

(Lens not included)

Ordering Information

V5121-A5114	Analog fixed camera, 1/3 inch CCD, Color only, OSD, 560TVL, PAL, 12VDC/24VAC
V5121-A5104	Analog fixed camera, 1/3 inch CCD, Color only, OSD, 560TVL, NTSC, 12VDC/24VAC
V5122-A5114	Analog fixed camera, 1/3 inch CCD, Day/night, OSD, 560TVL, PAL, 12VDC/24VAC
V5122-A5104	Analog fixed camera, 1/3 inch CCD, Day/night, OSD, 560TVL, NTSC, 12VDC/24VAC

ACCESSORIES
Power Supplies

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

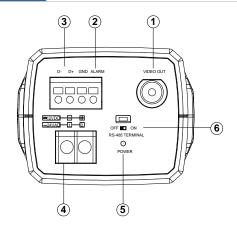## Description

Infinova's V5121-A5 & V5122-A5 series high-performance color & day/night 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. These cameras provide enhanced color, clarity and detail; usable images can be delivered even in low light conditions capturing the smallest details. V5122-A5 series can automatically switch from color mode to B/W mode in very low light environments, making them the perfection solution for a 24x7 around-the-clock surveillance. Multiple white balance modes adapt the cameras to many demanding environments.
The cameras offer user-friendly OSD menu. They can designate 4 privacy masks in a surveillance screen, which effectively protect certain area from being seen by operator. Besides, they can get excellent video quality by modulating Auto Gain Control, Backlight Compensation, Mirror, Alarm, etc.

Dimensions

5.66(143.8)
5.29(134.3)
COLOR VIDEO CAMERA
Infinova

2.88 (73.2)
2.52(64.0)
2.20(56.0)

Unit: inch, in the parentheses is mm

Back Panel

③ ② ①

D- D+ GND ALARM   VIDEO OUT

12VDC
24VAC
OFF ☐ ON
RS-485 TERMINAL
POWER

⑥

④ ⑤

① Video Out
② Alarm Port
③ RS485 Communication Connector
④ Power Input Terminal
⑤ Power Indicator Lamp
⑥ RS485 Terminal Resistor

Specifications

	V5122-A5 series	V5121-A5 series
Model	V5122-A5 series	V5121-A5 series
Image Sensor	1/3" SONY Super HAD II CCD	
Effective Pixels (H × V)	NTSC:768×494, 380K ; PAL:752×582, 440K	
Scanning System	2:1 interlace scanning	
Resolution	560TVL	
Day/Night Functionality	ICR	/
Sensitivity	Color mode: 0.2 lux @ F1.2 (30IRE, AGC HIGH) B/W mode: 0.01 lux @ F1.2 (30IRE, AGC HIGH)	0.2Lux @ F1.2 (30IRE, AGC HIGH)
S/N Ratio	>54dB (AGC OFF)	
Auto Electronic Shutter	AUTO; MANU: 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/INDOOR/OUTDOOR/NATRIUM	
Color Temperature Range	2600K~9000K	
Auto Gain Control	OSD, High / Middle / Low / OFF	
Backlight Compensation	OSD, High / Middle / Low / OFF	
Flickerless Mode	ON/OFF, NTSC: 1/100s, PAL: 1/120s	
Privacy Mask	4 programmable masks	
Mirror	Horizontal Mirror	
View Tampering Alarm	Available	
RS485 Remote Control	Protocols: PELCO-P/D, INFINOVA Baud Rate: 2400/4800/9600bps	
Sync. System	Internal/Line Lock	
Video Output	1.0 Vp-p (75 Ohm), BNC connector	
Power Supply	12 VDC / 24 VAC	
Power Consumption	4 W (maximum)	
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)	
Storage Temperature	-4°F ~ 140°F (-20°C~+60°C)	
Humidity	0~90%RH (non-condensing)	
Unit Dimensions (H×W×L)	2.52"×2.88"×5.66" (64mm×73.2mm×143.8mm)	
Box Dimensions (L×W×H)	8.07"×4.92"×3.93" (205mm×125mm×100mm)	
Unit Weight	0.84 lbs (0.38kg)	
Shipping Weight	1.19 lbs (0.54kg)	
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	