V5131-A5 & 5132-A5 Series

Mini High Resolution Color & Day/Night Camera

Infinova®
The Integrator's Manufacturer

Features

- 1/3" SONY high resolution Super HAD II CCD sensor
- Resolution: 560TVL
- IR-Cut Removable (ICR) Filter for Day/Night switching, settable multiple DAY/NIGHT modes (V5132)
- Compact structure and elegant appearance
- Superior color rendering with high definition
- OSD menu for easy video parameter adjustment
- Multiple white balance modes for complicated illumination
- Electronic shutter: auto or manual
- Supports RS-485 remote control
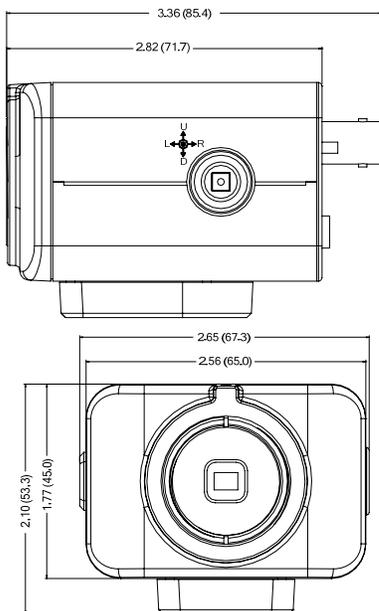- 12VDC/24VAC power supply

(Lens not included)

Ordering Information

V5131-A5114	Analog fixed camera, 1/3 inch CCD, Color Only, 560TVL, PAL, 12VDC/24VAC
V5131-A5104	Analog fixed camera, 1/3 inch CCD, Color Only, 560TVL, NTSC, 12VDC/24VAC
V5132-A5114	Analog fixed camera, 1/3 inch CCD, Day/night, 560TVL, PAL, 12VDC/24VAC
V5132-A5104	Analog fixed camera, 1/3 inch CCD, Day/night, 560TVL, NTSC, 12VDC/24VAC

Description

Infinova's V5131 & V5132 series are recently launched mini high resolution color & day/night cameras, featuring 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 54dB. These cameras provide enhanced color, clarity and detail. V5132 series have Day/Night functionality.

These cameras offer user-friendly OSD menu, which makes it easy to adjust the video parameters; elegant appearance, compact structure and ease of installation make it an ideal surveillance solution for shopping malls, banks, office buildings, parking lots, city streets and other applications.

Dimensions

3.36 (85.4)
2.82 (71.7)

2.65 (67.3)
2.56 (65.0)
2.10 (53.3)
1.77 (45.0)

(Unit: inch, in the parentheses is mm)

Parts

① Lens Support
③ Power Input Terminal
⑤ Reserved
⑦ RS485 Terminal DIP Switch
⑨ Power LED Indicator

② Function Setting Switch
④ Camera-mounting Bracket
⑥ RS485 Control Interface
⑧ Video Output

Specifications

	V5131-A5 series	V5132-A5 series
Model	V5131-A5 series	V5132-A5 series
Image Sensor	1/3" SONY Super HAD II CCD	
Video System	PAL/NTSC	
Effective Pixels (H×V)	NTSC: 768×494, 380K; PAL: 752×582, 440K	
Scanning System	2:1 interlacing	
Resolution	560TVL	Color mode: 560TVL; B/W mode: 550TVL
Day/Night Functionality	/	ICR
Sensitivity	0.1 lux @ F1.2 (30IRE, AGC HIGH)	Color mode: 0.1 lux @ F1.2 (30IRE, AGC HIGH) B/W mode: 0.01 lux @ F1.2 (30IRE, AGC HIGH)
S/N Ratio	>54dB (AGC OFF)	
Video Output	1.0Vp-p, BNC connector	
Output Impedance	75 Ω	
Video Index	Video: 0.7±0.03V; horizontal sync: -0.3±0.02V; color sync: 0.3±0.02V	
Scanning Frequency	Line: 15.625kHz; Field: 50Hz	
Grey Level	9	
Geometric Distortion	≤5%	
Insulation Resistance	≥2MΩ (in a hot and humid environment)	
Dielectric Strength	1min 0.5KV (force electricity, non-arcing or breakdown)	
Leakage Current	≤5mA (AC peak)	
Auto Electronic Shutter	AUTO; MANU: PAL: 1/50~1/100,000s. NTSC: 1/50~1/100,000s. 9 levels adjustable.	
Auto Iris	DC /VIDEO Drive	
Lens Mount	C/CS mount (adjustable)	
Gamma Correction	0.45	
White Balance	ATW/MWB/INDOOR/OUTDOOR/NATRIUM	
Color Temperature Range	2600K~9000K	
Auto Gain Control	OSD, High (H/M/L)/Medium (H/M/L)/Low (H/M/L)/OFF	
Backlight Compensation	OSD, High/Middle/Low/OFF	
Flickerless Mode	ON/OFF	
Iris	01~20	
Sharp	01~08	
Brightness	01~08	
Saturation	01~08	
Privacy Mask	4 programmable masks	
Mirror	Horizontal Mirror	
Camera Title Setup	8 characters (0~9, A~Z, a~z, space)	
Blemish Compensation	CCD	
RS485 Remote Control	Protocols: INFINOVA, PELCO-P/D Baud Rate: 2400/4800/9600bps Address: INFINOVA protocol supports up to 127 addresses; PELCO-P/D protocol supports up to 254 addresses	
Sync. System	Internal/Line Lock	
Power Supply	12VDC/24VAC	
Power Consumption	4W (Max)	
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)	2.13"×2.68"×3.39" (54mm×68mm×86mm)	
Box Dimensions (L×W×H)	5.12"×4.33"×3.93" (130mm×110mm×100mm)	
Unit Weight	0.57lbs. (0.26kg)	
Shipping Weight	0.73lbs. (0.33kg)	
Compliance	CE, FCC; ISO 9001:2008	