V5121-A7 & V5122-A7 Series

High-performance Color & Day/Night Camera





- 1/3" SONY Exview HAD II CCD sensor
- Resolution: 650TVL
- Automatic Day/Night functionality with ICR filter, settable AUTO/ DAY/ NIGHT mode (V5122-A7 series)
- Supports OSD menu display function and RS485 remote control
- 2D digital noise reduction
- Motion detection
- Privacy mask
- Highlight Constraint (HLC)
- IR alarm input
- Auto Electronic Shutter (AES), Auto Gain Control (AGC), Backlight Compensation (BLC), Flickerless Mode (F.L.), White Balance (ATW/ MANUAL/ INDOOR/ OUTDOOR/ FLUORES/ PUSHLOCK)
- Back Focus adjustment
- 12VDC/24VAC power input, centralized power-supply mode

Ordering Information

V5121-A7114 Analog fixed camera, 1/3 inch CCD, Color only,

OSD, 650TVL, PAL, 12VDC/24VAC

V5121-A7104 Analog fixed camera, 1/3 inch CCD, Color only,

OSD, 650TVL, NTSC, 12VDC/24VAC

V5122-A7114 Analog fixed camera, 1/3 inch CCD, Day/night,

OSD, 650TVL, PAL, 12VDC/24VAC

Analog fixed camera, 1/3 inch CCD, Day/night, V5122-A7104

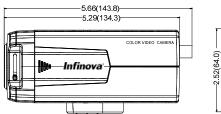
OSD, 650TVL, NTSC, 12VDC/24VAC

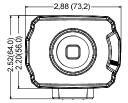
ACCESSORIES Power Supplies

N3921-24A-1

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

Dimensions





Unit: inch, in the parentheses is mm













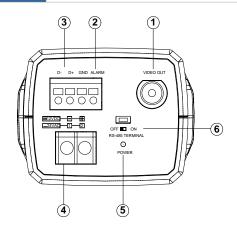


(Lens not included)

Description

Infinova's V5121-A7 & V5122-A7 series high-performance cameras feature a high resolution 1/3" SONY Exview HAD II CCD sensor and advanced Effio-E DSP. These cameras provide 650 TV lines of resolution, improved color rendering and digital noise reduction, which ensure excellent video under extremely difficult illumination conditions. The cameras offer user-friendly OSD menu. They can designate 4 privacy masks in a surveillance screen, which effectively protects certain area from being seen by operator. Motion detection provides higher security of your surveillance system.

Back Panel



- ① Video Out
- 2 Alarm Port
- ③ RS485 Communication Connector
- 4 Power Input Terminal
- (5) Power Indicator Lamp
- 6 RS485 Terminal DIP Switch

Specifications

1/3" SONY Exview HAD III CCD	Model	V5121-A7 Series	V5122-A7 Series
### Auto Bian Correction ### Auto Bian Control Backlight Compensation ### Auto Bian Control Backlight Compensa			VOTEZ-AT Genes
NTSC: 976 (H) × 494(V), 480K; PAL: 976(H) × 582(V), 570K	_		
Scanning System 2:1 interlace 650TVL ICR ICR			
Day/Night Functionality			
Day/Night Functionality			
Color mode: 0.1 lux @ F1.2 (50IRE, AGC HIGH)		6501VL	lon.
Sensitivity	Day/Night Functionality	1	
Auto Electric Shutter Auto Iris DC Drive/ VIDEO Drive C/CS Samma Correction 0.45 Auto Gain Control Backlight Compensation HIGH/ MEDIUM-H/ MEDIUM-M/ MEDIUM-L/ LOW-H/ LOW-M/ LOW-L/ OFF Backlight Compensation HIC/ BLC/ OFF Privacy Mask 4 programmable masks Motion Detection 4 programmable masks Motion Detection Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Internal/Line Lock Power Supply 12/DC/ 24/AC Power Consumption AW (maximum) Departing Temperature 14 °F - 122 °F (-10 °C - 50 °C) Storage Temperature - 4 °F ~ 140 °F (-20 - 60 °C) Departing Humidity - 0-90% RH (non-condensing) Unit Dimensions (LxWxL) BSND Dimensions (LxWxL) School Control Shipping Weight - 1.19 lbs. (0.54kg) Commissions Commissi	Sensitivity	0.1 lux @ F1.2 (50IRE, AGC HIGH)	Color mode: 0.1 lux @ F1.2 (50IRE, AGC HIGH); B/W mode: 0.005 lux @ F1.2 (50IRE, AGC HIGH
Auto Electric Shutter Auto Iris DC Drive/ VIDEO Drive C/CS Gamma Correction 0.45 Athite Balance ATW/ MANUAL /INDOOR/ OUTDOOR/ FLUORES/ PUSHLOCK Color Temperature Range Auto Gain Control Backlight Compensation HLC/ BLC/ OFF Privacy Mask 4 programmable masks 4 programmable areas Picture Adjustment Noise Reduction Alarm Available, EXT-IN/ MD-OUT/ OFF RS485 Remote Control Brown System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4 # F ~ 122 *F (-10 *C ~ 50*C) Storage Temperature 4 # F ~ 140 *F (-20 ~ 60 °C) Doparating Humidity 0.94 (205 mmx.125 mmx.	S/N Ratio	>54dB (AGC OFF)	
Auto Iris DC Drive/ VIDEO Drive Lens Mount C/CS Gamma Correction 0.45 White Balance ATW/ MANUAL /INDOOR/ OUTDOOR/ FLUORES/ PUSHLOCK Color Temperature Range 1800K~10500K Auto Gain Control HIGH/ MEDIUM-H/ MEDIUM-W MEDIUM-L/ LOW-H/ LOW-M/ LOW-L/ OFF Backlight Compensation HLC/ BLC/ OFF Filickerless Mode ON/ OFF Privacy Mask 4 programmable masks Motion Detection 4 programmable areas Picture Adjustment Mirror, Bright, Contrast, Sharp, Hue, C-Gain Noise Reduction 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F - 122 °F (-10 °C ~ 50°C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0-90% Rh (non-condensing) Unit Weight 0.8 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Cempolianc	Video Output	1.0 Vp-p (75 Ohm), BNC connector	
C/CS	Auto Electric Shutter		
Gamma Correction 0.45 White Balance ATW/ MANUAL /INDOOR/ OUTDOOR/ FLUORES/ PUSHLOCK Color Temperature Range 1800K-10500K Auto Gain Control HIGH/ MEDIUM-H/ MEDIUM-M/ MEDIUM-L/ LOW-H/ LOW-M/ LOW-L/ OFF Backlight Compensation HLC/ BLC/ OFF Flickerless Mode ON/ OFF Privacy Mask 4 programmable masks Motion Detection 4 programmable areas Picture Adjustment Mirror, Bright, Contrast, Sharp, Hue, C-Gain Noise Reduction 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINCVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 4 °F ~ 122 °F (-10 °C ~ 50°C) Storage Temperature 4 °F ~ 120 °F (-20 ~ 60 °C) Operating Humidity 0 ~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52°x2.88°x5.66° (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07°x4.92°x3.94° (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight	Auto Iris	DC Drive/ VIDEO Drive	
## ATW/ MANUAL /INDOOR/ OUTDOOR/ FLUORES/ PUSHLOCK ### Color Temperature Range ### 1800K~10500K ### Auto Gain Control ### Black	Lens Mount	C/CS	
1800K~10500K	Gamma Correction	0.45	
Auto Gain Control HIGH/ MEDIUM-H/ MEDIUM-M/ MEDIUM-L/ LOW-H/ LOW-M/ LOW-L/ OFF Backlight Compensation HLC/ BLC/ OFF ON/ OFF Privacy Mask 4 programmable masks 4 programmable areas Mirror, Bright, Contrast, Sharp, Hue, C-Gain Noise Reduction 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption Aw (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0 ~90% RH (non-condensing) Unit Dimensions (HxWxL) Box Dimensions (LxWxH) 8.07' x4.92' x3.94' (205mmx125mmx100mm) Compolatore Additional Proventy Authory Additional Proventy Authory Compolatore Compol	White Balance	ATW/ MANUAL /INDOOR/ OUTDOOR/ FLUORES/ PUSHLOCK	
HLC/ BLC/ OFF	Color Temperature Range	1800K~10500K	
Flickerless Mode ON/ OFF Privacy Mask 4 programmable masks Motion Detection 4 programmable areas Mirror, Bright, Contrast, Sharp, Hue, C-Gain Picture Adjustment Mirror, Bright, Contrast, Sharp, Hue, C-Gain 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0 ~90% RH (non-condensing) Unit Dimensions (HxWxL) 8.07 "x4.92" x3.94" (205mmx125mmx143.8mm) Box Dimensions (LxWxH) 8.07 "x4.92" x3.94" (205mmx125mmx100mm) Unit Weight Compliance Compliance	Auto Gain Control	HIGH/ MEDIUM-H/ MEDIUM-M/ MEDIUM-L/ LOW-H/ LOW-M/ LOW-L/ OFF	
Privacy Mask 4 programmable masks 4 programmable areas Mirror, Bright, Contrast, Sharp, Hue, C-Gain Noise Reduction 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0 ~90% RH (non-condensing) Unit Dimensions (HxWxL) 8.07*x4.92*x3.94* (205mmx125mmx100mm) Unit Weight 0 ~84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance Compliance	Backlight Compensation	HLC/ BLC/ OFF	
Motion Detection 4 programmable areas Mirror, Bright, Contrast, Sharp, Hue, C-Gain 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0 –90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance Compliance	Flickerless Mode	ON/ OFF	
Picture Adjustment Mirror, Bright, Contrast, Sharp, Hue, C-Gain 2D Alarm Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0 ~90% RH (non-condensing) Unit Dimensions (HxWxL) 8.07*x4.92*x3.94* (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance Compliance	Privacy Mask	4 programmable masks	
Alarm	Motion Detection	4 programmable areas	
Available, EXT-IN/ MD-OUT/ OFF Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52*x2.88*x5.66* (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07*x4.92*x3.94* (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance	Picture Adjustment	Mirror, Bright, Contrast, Sharp, Hue, C-Gain	
Protocols: PELCO-P/D, INFINOVA; Baud Rate: 2400/4800/9600bps Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0 ~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 5hipping Weight 1.19 lbs. (0.54kg) Compliance	Noise Reduction	2D	
Baud Rate: 2400/4800/9600bps Sync. System Internal/Line Lock Power Supply 12VDC/ 24VAC Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0~90% RH (non-condensing) Unit Dimensions (H×W×L) 8.07"×4.92"×3.94" (205mm×125mm×100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance	Alarm	Available, EXT-IN/ MD-OUT/ OFF	
Power Supply 12VDC/ 24VAC 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating 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"×3.94" (205mm×125mm×100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance	RS485 Remote Control		
Power Consumption 4W (maximum) Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Sync. System	Internal/Line Lock	
Operating Temperature 14 °F ~ 122 °F (-10 °C ~ 50 °C) Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Power Supply	12VDC/ 24VAC	
Storage Temperature -4 °F ~ 140 °F (-20 ~ 60 °C) Operating Humidity 0~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Power Consumption	4W (maximum)	
Operating Humidity 0~90% RH (non-condensing) Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50°C)	
Unit Dimensions (HxWxL) 2.52"x2.88"x5.66" (64mmx73.2mmx143.8mm) Box Dimensions (LxWxH) 8.07"x4.92"x3.94" (205mmx125mmx100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Storage Temperature	-4 °F ~ 140 °F (-20 ~ 60 °C)	
Box Dimensions (LxWxH) 8.07"×4.92"×3.94" (205mm×125mm×100mm) Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Operating Humidity	0~90% RH (non-condensing)	
Unit Weight 0.84 lbs. (0.38kg) Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Unit Dimensions (H×W×L)	2.52"×2.88"×5.66" (64mm×73.2mm×143.8mm)	
Shipping Weight 1.19 lbs. (0.54kg) Compliance CE, FCC,	Box Dimensions (L×W×H)	8.07"×4.92"×3.94" (205mm×125mm×100mm)	
CE, FCC,	Unit Weight	0.84 lbs. (0.38kg)	
Compliance	Shipping Weight	1.19 lbs. (0.54kg)	
	Compliance		