

# V5641-A5 & V5642-A5 Series

## Vandal Resistant Color & Day/Night Fixed Minidome Camera

**Infinova**  
The Integrator's Manufacturer



### Features

- 1/3" SONY Super HAD II CCD sensor
- Resolution: 560 TVL
- IR-Cut Removable (ICR) Filter for Day/Night switching (only for V5642-A5 series)
- Aspherical, auto-iris, vari-focal lens with IR correction
- Auto Electronic Shutter (AES), Auto Gain Control (AGC), Auto White Balance / Manual White Balance (ATW/MWB), Flickerless (F.L.), Backlight Compensation (BLC)
- Internal / Line Lock Sync. System
- LEVEL adjustment
- Surface or Bracket Mount, Vandal Resistant, 3-Axis adjustment
- 12VDC/24VAC power input
- IP66 environmental protection



Surface mount

Bracket mount

### Ordering Information

V5641-A5004SE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Color only, 560TVL, NTSC, 12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V5641-A5004PE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Color only, 560TVL, NTSC, 12VDC/24VAC, Bracket mount, 3.3-12mm vari-focal lens
V5641-A5014SE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Color only, 560TVL, PAL, 12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V5641-A5014PE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Color only, 560TVL, PAL, 12VDC/24VAC, Bracket mount, 3.3-12mm vari-focal lens
V5642-A5004SE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Day/night, 560TVL, NTSC, 12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V5642-A5004PE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Day/night, 560TVL, NTSC, 12VDC/24VAC, Bracket mount, 3.3-12mm vari-focal lens

V5642-A5014SE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Day/night, 560TVL, PAL, 12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V5642-A5014PE	Analog minidome camera, 1/3 inch CCD, Vandal-resistant, 3-axis, w/ Heater&Blower, Day/night, 560TVL, PAL, 12VDC/24VAC, Bracket mount, 3.3-12mm vari-focal lens

### ACCESSORIES

#### Power Supplies

N3922-24A-1	Power Supply, 24VAC, 50VA, Plug-In, 120VAC
N3922-24A-2	Power Supply, 24VAC, 50VA, Plug-In, 230VAC
N3928 Series	Power Supply, 24VAC with 4, 8 or 16 Outputs

#### Mounts for bracket mount model:

V1761MS	Wall Mount, 6 inch
V1762MS	Corner Mount (contain adapter), 6 inch
V1763MS	Pole Mount (contain adapter), 6 inch
V1764A	Pendent Mount, Outdoor, 15 inch long, vertical (cable dragged out from side)
V1764B	Pendent Mount, Outdoor, 15 inch long, vertical (cable dragged out from top)

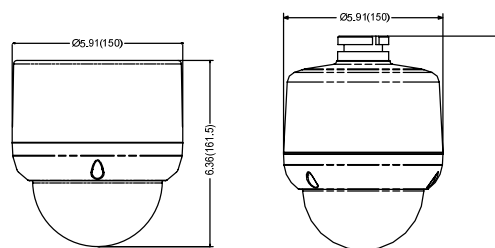
For detailed information, please refer to V1760 series Mounts.

## Description

Infinova's V5641-A5 & V5642-A5 series minidome 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 built-in ICR filter in the V5642-A5 provides automatic Day/Night functionality. High quality images with the smallest details are available even in low light conditions.

V5641-A5 & V5642-A5 series employ vandal resistant dome housing, making them the ideal choice for the hazardous surveillance environments. The cameras provide easy installation, designed for surface or bracket mount with 3-axis adjustment.

## Dimensions



Surface mount

Bracket mount

(Unit: inch, in the parentheses is mm)

## Specifications

Model	V5641-A5	V5642-A5
Image Sensor	1/3" SONY Super HAD II CCD	
Effective Pixels (H x V)	NTSC: 768x494; PAL: 752x582	
Resolution	560 TVL	
Sensitivity	0.5 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)
Scanning Frequency	15.625kHz (Line), 50Hz (Field)	
S/N Ratio	> 54 dB (AGC OFF)	
Digital Process	10-bit digital Signal processor (DSP)	
Sensor Size	4.8mm(H) x 3.6mm(V)	
Auto Electronic Shutter	ON/OFF, NTSC: 1/60~1/100,000s, PAL: 1/50~1/100,000s	
Gamma Correction	0.45	
Lens	F1.4, f=3.3~12 mm	
Camera Angle Adjustment	X (Panning): 0°~340°; Y (Tilting): 0°~80°; Z (Rotating): 0°~340°	
Flickerless Mode	ON/OFF, NTSC: 1/100s, PAL: 1/120s	
Backlight Compensation	ON/OFF	
Auto Gain Control	ON/OFF	
Auto White Balance	ATW/MWB	
Color Temperature Range	2600K~9000K	
Sync. System	Internal/ Line Lock	
Video Output	1.0 Vp-p (75 Ohm), BNC connector	
Power Supply	12VDC/24VAC	
Power Consumption	12VDC: 8W(w/ heater); 24VAC: 20W (w/ heater)	
Operating Temperature	-40° F ~ 122° F (-40° C ~ 50° C)	
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)	
Operating Humidity	0~90% RH (non-condensing)	
Unit Dimensions (HxØ)	Surface: 6.36"x5.91" (161.5mmx150mm); Bracket: 7.89"x5.91" (200.5mmx150mm)	
Box Dimensions (LxWxH)	8.66"x8.66"x11.22" (220mmx220mmx285mm)	
Unit Weight	Surface: 2.89 lbs. (1.31 kg); Bracket: 2.69 lbs. (1.22 kg)	
Shipping Weight	Surface: 4.21 lbs. (1.91 kg); Bracket: 4.01 lbs. (1.82 kg)	
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, (Certificate No.: BCT10LC-2147E); FCC: Part 15 Subpart B (Certificate No.: BCT10LC-2148E); ISO 9001: 2008	