

# V5412-A5 Series

## Indoor Day/Night Fixed Minidome Camera

**Infinova**  
The Integrator's Manufacturer



### Features

- 1/3" SONY Super HAD II CCD sensor
- High Resolution and Excellent Low Light Sensitivity
- Resolution/Sensitivity: 560 TVL at 0.5 lux color / 0.01 lux B/W
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Aspherical, auto-iris, vari-focal lens with IR correction
- Digital Signal Processor (DSP) for high quality image
- 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
- Surface Mount, 2-Axis adjustment
- 12VDC/24VAC power input



### Description

Infinova's V5412-A5 series indoor day/night fixed minidome cameras feature a high resolution 1/3" SONY Super HAD II CCD sensor. Advanced Digital Signal Processing (DSP) provides excellent S/N ratio of more than 54 dB. The built-in ICR filter in the V5412-A5 provides automatic Day/Night functionality. Usable images can be delivered even in low light conditions capturing the smallest details. V5412-A5 series are equipped with a 2.5~6mm auto-iris, vari-focal lens. They are designed for surface mount with 2-axis adjustment and require 12 VDC/24 VAC for power. The cameras provide excellent image quality along with ease of installation.

### Ordering Information

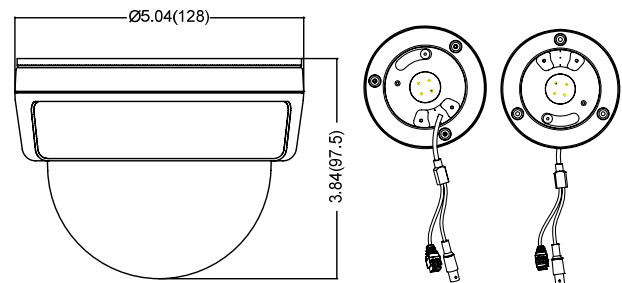
|               |  |
|---------------|--|
| V5412-A5004SB | Analog minidome camera, 2-axis, Indoor, 1/3 inch CCD, Day/night, 560TVL, NTSC, 12VDC/24VAC, Surface mount, 2.5-6mm vari-focal lens |
| V5412-A5014SB | Analog minidome camera, 2-axis, Indoor, 1/3 inch CCD, Day/night, 560TVL, PAL, 12VDC/24VAC, Surface mount, 2.5-6mm vari-focal lens  |

### ACCESSORIES

#### Power Supplies

|              |   |
|--------------|---|
| N3921-24A-1  | Power Supply,24VAC,20VA,Plug-In,120VAC      |
| N3921-24A-2  | Power Supply,24VAC,20VA,Plug-In,230VAC      |
| N3928 Series | Power Supply, 24VAC with 4, 8 or 16 Outputs |

### Dimensions



(Unit: inch, in the parentheses is mm)

## Specifications

|                                 |   |
|---------------------------------|---|
| <b>Model</b>                    | V5412-A5  |
| <b>Image Sensor</b>             | 1/3" SONY Super HAD II CCD  |
| <b>Effective Pixels (H x V)</b> | NTSC: 768x494; PAL: 752x582   |
| <b>Resolution</b>               | 560 TVL   |
| <b>Sensitivity</b>              | Color mode: 0.5 lux @ F1.2 (30 IRE, AGC ON);<br>B/W mode: 0.01 lux @ F1.2 (30 IRE, AGC ON)  |
| <b>Scanning Frequency</b>       | 15.625kHz (Line), 50Hz (Field)  |
| <b>S/N Ratio</b>                | > 54 dB (AGC OFF)   |
| <b>Auto Electronic Shutter</b>  | ON/OFF, NTSC: 1/60~1/100,000s, PAL: 1/50~1/100,000s   |
| <b>Gamma Correction</b>         | 0.45  |
| <b>Lens</b>                     | F1.2, f=2.5~6 mm  |
| <b>Camera Angle Adjustment</b>  | X (Panning): 0°~360°; Y (Tilting): 0°~85°   |
| <b>Flickerless Mode</b>         | ON/OFF, NTSC: 1/100s, PAL: 1/120s   |
| <b>Backlight Compensation</b>   | ON/OFF  |
| <b>Auto Gain Control</b>        | ON/OFF  |
| <b>Auto White Balance</b>       | ATW/MWB   |
| <b>Color Temperature Range</b>  | 2600K~9000K   |
| <b>Sync. System</b>             | Internal/ Line Lock   |
| <b>Video Output</b>             | 1.0 Vp-p (75 Ohm), BNC connector  |
| <b>Power Supply</b>             | 12VDC/24VAC   |
| <b>Power Consumption</b>        | 4 W (maximum)   |
| <b>Operating Temperature</b>    | 14° F ~ 122° F (-10° C ~ 50° C)   |
| <b>Storage Temperature</b>      | -4° F ~ 140° F (-20° C ~ 60° C)   |
| <b>Operating Humidity</b>       | 0~90% RH (non-condensing)   |
| <b>Unit Dimensions (HxØ)</b>    | 3.84"x5.04" (97.5 mmx128 mm)  |
| <b>Box Dimensions (LxWxH)</b>   | 5.51"x5.51"x4.72" (140 mmx140 mmx120 mm)  |
| <b>Unit Weight</b>              | 0.60 lbs. (0.27 kg)   |
| <b>Shipping Weight</b>          | 1.04 lbs. (0.47 kg)   |
| <b>Certifications</b>           | CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, (Certificate No.: BCT09LC-1310E);<br>FCC: Part 15 Subpart B (Certificate No.: BCT09LC-1317E);<br>ISO 9001: 2008 |