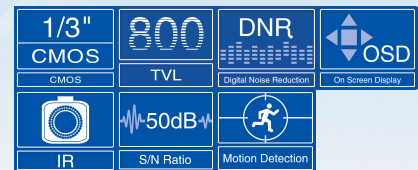


# V5422IR-A8 Series

## High Resolution Day/Night IR Minidome Camera

**Infinova**<sup>®</sup>  
The Integrator's Manufacturer



- **1/3" progressive scan CMOS sensor**
- **High Resolution: 800TV lines**
- **IR-Cut Removable (ICR) Filter for Day/Night switching**
- **15m IR Range**
- **3D noise reduction**
- **Auto electronic shutter**
- **Auto white balance: rich modes of auto white balance**
- **Real and natural color reproduction**
- **Supports image enhancement**
- **Supports digital zoom**
- **Motion detection up to 4 areas**
- **Privacy mask up to 8 programmable masks**
- **Internal synchronization**
- **Small size, low power consumption and simple installation**
- **3-axis adjustment**
- **Twelve volts of direct current (12VDC)**

V5422IR-A8 series high resolution day/night IR minidome camera is specially designed by Infinova for the surveillance application of elevators. This camera adopts 1/1.9" progressive scan CMOS sensor. With built-in 2.8mm fixed lens and high resolution of 800 TV lines, users can acquire better image quality. It also boasts of low illumination, excellent color rendering ability and digital noise reduction function. This camera also has infrared night vision function, so it can still surveil the area even if there is no light. As a result, 24 hours continuous surveillance can be achieved.

This camera supports OSD menu display function. It's friendly and intuitive user-interface make it easy to operate.

This camera supports privacy mask which up to 4 masks, so it can protect the privacy area effectively. Besides, its motion detection function makes your surveillance area safer.

## Technical specifications

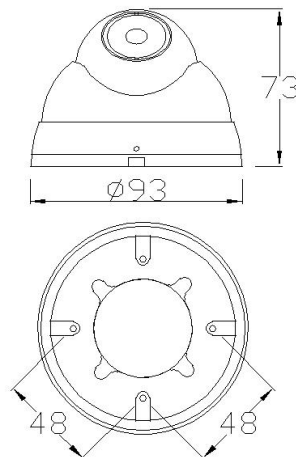
Image Sensor	1/3" progressive scan CMOS
Video Format	PAL/NTSC
Effective Pixels (H×W)	PAL: 1280×960; NTSC: 1280×952
Resolution	800TVL
Day/Night Functionality	ICR
Lens	Fixed lens: F2.0, f=2.8mm
Lens Mount	M12
Camera Angle Adjustment	X (Panning): 0°~360°; Y (Tilting): 0°~75° (-3°~0° deviation); Z (Rotating): 0°~344°
Aperture	Fixed
Sensitivity	Color mode: 0.01 lux; B/W mode: 0 lux (IR ON)
S/N Ratio	50dB
Shutter	Auto: 1/50000s~1/25s
Gamma Correction	0.45
White Balance	AWB-GW, AWB-CCT, AWB-PRO, AWB-TEMPORAL, AWB-AI

Noise Reduction	3D, Auto/Manual (0~15 adjustable)
Image Enhancement	Sharpness, Contrast, Saturation
Rotating	Mirror, Reverse
Digital Zoom	Support, 0~5 adjustable
Privacy Mask	Up to 8 programmable masks
Motion Detection	Up to 4 programmable areas
Sync. System	Internal
Video Output	1.0 Vp-p (75 Ohm)
Power Supply	12VDC, ±10%
Power Consumption	180mA (Maximum), 12VDC
Operating Temperature	-4°F~122°F (-20°C~+50°C)
Storage Temperature	-4°F~140°F (-20°C~+60°C)
Operating Humidity	0%-90% RH (non-condensing)
Unit Dimensions (H×Φ)	2.87"×Φ3.66" (73mm×93mm)

## Ordering information

V5422IR-A8065ST-W	High Resolution Day/night IR minidome camera, 1/3-inch progressive scan CMOS sensor, 2.8mm lens, 800TV lines, PAL, 15m IR range, Indoor, White exterior, Surface mount, 12VDC
V5422IR-A8065ST-B	High Resolution Day/night IR minidome camera, 1/3-inch progressive scan CMOS sensor, 2.8mm lens, 800TV lines, PAL, 15m IR range, Indoor, Grey exterior, Surface mount, 12VDC
V5422IR-A8075ST-W	High Resolution Day/night IR minidome camera, 1/3-inch progressive scan CMOS sensor, 2.8mm lens, 800TV lines, NTSC, 15m IR range, Indoor, White exterior, Surface mount, 12VDC
V5422IR-A8075ST-B	High Resolution Day/night IR minidome camera, 1/3-inch progressive scan CMOS sensor, 2.8mm lens, 800TV lines, NTSC, 15m IR range, Indoor, Grey exterior, Surface mount, 12VDC

## Dimensions



(Unit: mm)