

V5112-A8 Series

High-resolution Day/Night Fixed Camera

Infinova[®]
The Integrator's Manufacturer



- **1/3" SONY Exmor CMOS, 1.37MegaPixels**
- **Resolution: 800TVL**
- **IR-Cut Removable (ICR) Filter for Day/Night switching**
- **Ultra-low illumination: Color mode: 0.01lux; B/W mode: 0.001lux**
- **Supports OSD menu display function**
- **Self-adaptive 3D digital noise reduction**
- **Supports WDR function**
- **Up to four definable motion detection areas**
- **Up to eight definable privacy mask areas**
- **Auto Electronic Shutter (AES), Auto Gain Control (AGC), White Balance**
- **Supports image enhance**
- **Supports digital zoom**
- **Lightning and surge protection**
- **12VDC**

Infinova's V5112-A8 series high-resolution day/night camera features a high resolution 1/3" Sony Exmor CMOS (1.37MegaPixels) sensor. These cameras provide 800 TV lines of resolution, superb image quality, 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 8 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.

Technical specifications

Image Sensor	Sony 1/3" Exmor CMOS
Video Type	NTSC/PAL (960H)
Effective Pixels	1305(H)×1049(V), 1.37M
Scanning System	Progressive scanning
Resolution	800TVL
Day/Night Functionality	ICR
Sensitivity	Color mode: 0.01 lux @ F1.2 (AGC ON) B/W mode: 0.001 lux @ F1.2 (AGC ON)
S/N Ratio	65dB (AGC OFF, black burst signal)
Auto Electric Shutter	1/50000s ~ 1/25s
Iris	DC Drive
Lens Mount	C/CS (back focus supported)
Gama Correction	0.45
White Balance	AWB-PRO, AWB-GW, AWB-AI, AWB-TEMP, Manual
Color Temperature Range	1800-10000K
Auto Gain Control	Available (analog gain 1x~25x, digital gain 1x~16x)
NR	3D, AUTO/MANUAL (0~15 level adjustable)
WDR	Available, ON/ OFF
Image Enhance	Sharpness/contrast/saturation adjustable
Flip	Mirror/flip
Digital Zoom	Available, 0~5 adjustable
Zone Masking	8 programmable masks

Motion Detection	4 programmable areas
Sync. System	Internal
Video Output	Composite signal, BNC (1.0Vp-p, 75Ω)
Power Supply	12VDC, ± 25%
Power Consumption	2.5W (maximum)
Lightning Protection	6KV (video port)
Surge Protection	± 2000V (power port))
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"×2.68"×5.41" (64.8mm×68mm×137.4mm)
Box Dimensions (L×W×H)	9.37"×5.12"×4.53" (238mm×130mm×115mm)
Unit Weight	0.66lbs. (0.3kg)

Certifications and Approval

Product Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3 ¹ , FCC: Part 15 Subpart B Class B ² , ISO 9001: 2008
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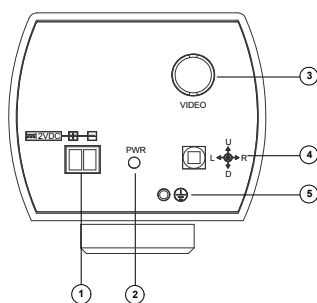
Certificate No.: ¹CTL1407021497-EC; ²CTL1407021497-FC.

Ordering information

V5112-A8115 Analog Fixed Camera, 1/3 inch CMOS, day/night, OSD, 800TVL, PAL, 12VDC

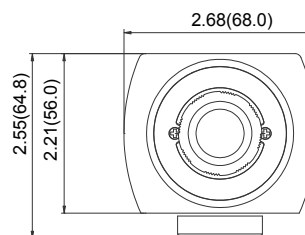
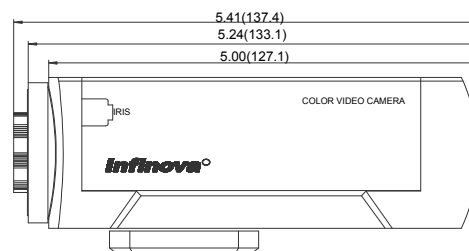
V5112-A8105 Analog Fixed Camera, 1/3 inch CMOS, day/night, OSD, 800TVL, NTSC, 12VDC

Back panel



- ① Power Input Terminal
- ② Power LED Indicator
- ③ Video Output
- ④ Menu Button
- ⑤ GND Terminal

Dimensions



(Unit: inch, in the parentheses is mm)