

AVS-4MB5121-VIR-DP

4 Megapixel Indoor/Outdoor, Mini HD-AVS IR Bullet Camera

Our new 4MP series HD-AVS cameras are the absolute cutting edge of HD-AVS technology. Offering HD 4MP video with standard 16:9 video format over standard Coax cable at distances up to 2100', the AVS-4MB5121-VIR-DP leads the pack in the HD over Coax race.

The AVS-4MB5121-VIR-DP is a day/night HD bullet camera with a motorized 2.7mm-12mm lens, supporting 180' of Intelligent IR illumination. The motorized zoom helps to dial in the perfect shot, and is easily controlled with "Control Over Coax". It also supports 120dB of Dynamic Range, making this model an excellent choice for tough lightning scenes, thanks to its True WDR capabilities. Supporting both HD and SD outputs, this camera can be used for retrofit as well as green field installations. Typical applications for this type of camera include: Businesses, Exterior Residential Applications, Parking lots, and Gas Stations. The "DP" variation of this camera indicates it is Dual Power, accepting either 12V DC or 24V AC power.

Like all HD-AVS cameras from IC Realtime, a compatible HD-AVS recorder is required to provide HD video transmission up to 2100' over conventional Coaxial cable.



FEATURES

- Max 4MP real-time
- Max. IR length 196' / 60m, Smart IR
- 2.7 - 12mm motorized lens
- IP67, AC24V / DC12V

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IC Realtime LLC

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SPECIFICATIONS

Camera

Image Sensors	1/3" CMOS
Effective Pixels	2688(H) x 1520(V), 4.1MP
Scanning System	Progressive
Electronic Shutter Speed	1/4s ~ 1/100,000s
Minimum Illumination	0.01Lux @ F1.3 (Color); 0Lux @ F1.3 (IR on)
S/N Ratio	> 65dB
IR Distance	196' / 60m
IR On / Off Control	Auto / Manual
IR LEDs	4

Lens

Type	Motorized lens / Fixed iris
Mount	Board-in
Focal Length	2.7 - 12mm
Max Aperture	F1.3
Angle Of View	H: 98° ~ 26°
Focus Control	Auto / Manual
Close Focus Distance	7.9" / 200mm

Video

Resolution	4MP (2560 x 1440)
Frame Rates	25fps @ 4MP; 30fps @ 1080P; 30fps@720P
Video Output	1-channel BNC HDAVS high definition video output & 1-channel BNC CVBS video output
Day / Night	Auto (ICR) / Manual
OSD Menu	Multi-language
BLC Mode	BLC / HLC / WDR

WDR	120dB
Gain Control	AGC
Noise Reduction	2D / 3D
White Balance	Auto / Manual
Smart IR	Auto / Manual

Electrical

Power Supply	AC 24V ±25% / DC 12V ±25%
Power Consumption	Max 15.4W (12V DC, IR on)

Environmental

Operating Conditions	-22°F ~ 140°F / -30°C ~ 60°C; < 90% RH *Start-up should be done @ > -22°F / -30°C
Storage Conditions	-22°F ~ 140°F / -30°C ~ 60°C; < 90% RH
Ingress Protection / Vandal Resistance	IP67

Construction

Casing	Aluminum
Dimensions	8.4" x 3.6" x 3.6" / 213mm x 90.4mm x 90.4mm
Net Weight	1.39lbs / 0.63kg
Gross Weight	1.68lbs / 0.76kg
Mount Pan / Tilt / Rotation Range	Pan: 0° ~ 360° Tilt: 0° ~ 87° Rotation: 0° ~ 360°



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