

AVS-4MB4012-IR

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-4MB4012-IR leads the pack in the HD over Coax race.

The AVS-4MB4012-IR is a day/night HD bullet camera with a fixed 2.8mm lens, supporting 120' of Intelligent IR illumination. 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.

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 131' / 40m, Smart IR
- 2.8mm fixed lens
- IP67, DC12V

Revision: 1.0; March 2017

IC Realtime LLC

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SPECIFICATIONS

Camera	
Image Sensors	1/3" CMOS
Effective Pixels	2688(H) × 1520(V), 4.1MP
Scanning System	Progressive
Electronic Shutter Speed	1/4s ~ 1/100,000s
Minimum Illumination	0.01Lux @ F1.5 (Color); 0Lux @ F1.5 (IR on)
S/N Ratio	> 65dB
IR Distance	131' / 40m
IR On / Off Control	Auto / Manual
IR LEDs	2

Lens	
Type	Fixed lens / Fixed iris
Mount	Board-in
Focal Length	2.8mm
Max Aperture	F1.5
Angle Of View	H: 99.7°
Close Focus Distance	35.4" / 900mm

Mount Pan / Tilt / Rotation	
Mount Pan / Tilt / Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°

Video	
Resolution	4MP (2560 × 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	12V DC ±25%
Power Consumption	Max 5.9W (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	7.1" × 2.8" × 2.8" / 180mm × 70mm × 70mm
Net Weight	0.88lbs / 0.40kg
Gross Weight	1.12lbs / 0.51kg



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