



AVC-TB81F28

NDAA | CE | F@

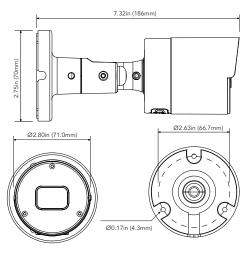
8MP HD-TVI FIXED BULLET CAMERA

OVERVIEW

- 8MP (3840x2160)
- HD-TVI / CVI / AHD / CVBS (Analog)
- True Day & Night ICR
- Fixed 2.8mm Lens
- Easy-to-Use DIP Switch to Change Formats
- 2D DNR, 3D DNR, WDR
- Smart IR Illumination Up to 66ft
- IP67 ingress protection
- DC12V

DIMENSIONS

Unit: inch(mm)



OPTIONAL ACCESSORIES



AVM-JB-BE-S1 JUNCTION BOX



AVM-HWM-E-S1 WALL MOUNT WITH JUNCTION BOX



AVM-HCM-E-S1 CEILING MOUNT WITH JUNCTION BOX



AVM-POM-A1 POLE MOUNT BRACKET



AVM-CRM-A1 CORNER MOUNT BRACKET



SPECIFICATIONS

Amage Sensor 1/2.7" Progressive Scan CMOS Resolution. BMP Image Size 3840/2160 Video Output. 1. channel BNC Video Output Image System PAL / NTSC Electronic Shutter. 1/5s to 1/50,000s IR Determent. 1/5s to 1/5s (Arabida) IR Tarme Rate. 1/5s (Arabida) IR Horizontal Field of Vew 105-41° Syn Ratio. 36dB IR Tencion Comortol OSD, Control over Coax (UTC) IR MACE Day & Najft. EXT Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (ASC). Yes Auto White Balance (AWB). Yes Backlight Compensation (BLC). No Edge Brightness Compensation (BLC). No Edge Brightness Compensation (PLC) Image Setting. Yes Mirror Image Yes Smart R (Anti-SAT). Yes Image Setting. Yes Defect Correction. Auto / Manual GENERAL Angle Adjustment. Input Voltage. DC 12/2 (10%) Power Consumption. Maximum SW Ingress Protection. 1/65 (10%) Power Consumption. Maximum SW Identification. 7.352.7557C) University of the State of Compensation. 7.555.75C University of the State of Compensation. 7.555.75C University of the State of Compensation. 7.552.755 (10%) Dimensions. 7.352.7557C)		
Resolution BMP Image Size 3840/2160 Video Curput 1 channel BNC Video Output Image System PAL / NTSC Electronic Shutter IR Distance Up to 66ft. Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15FPS VMB / Analog: 30 FPS Min. Illumination Lens Field 2-8mm L	CAMERA	
Image Size 3840x2160 Video Cutput 1 channel BNC Video Output Image System PAL / NTSC Electronic Shutter 1/15s to 1/50,000s IR Distance Up to 66ft. Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Ret HD-TVI / AHD / CVI / CVBS (Analog): 15FPS CVBS Analog: 30 FPS Min. Illumination .0.05 lux with IR ON Lens Fixed 2.8mm Lens Lens Munt M12 Horizontal Field of View .105.41° S/N Ratio .36d B Function Control .OSD, Control over Coax (UTC) INAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Day & Night EXT / Color / BW (Black and White) WDR Yes Defog No Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation (BLC) No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Aves Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage D C 12V (± 10%) Power Consumption Maximum SW Horking Evinoment - 22**-131*F (-30**-55*C)	Image Sensor	1/2.7" Progressive Scan CMOS
Video Output 1 channel BNC Video Output	Resolution	8MP
Image System PAL / NTSC	Image Size	3840x2160
Electronic Shutter 1/15s to 1/50,000s IR Distance Up to 66ft. Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate CVBS Analog; 30 FPS Win. Illumination 0.05 lux F1.2 (AGC ON), 0 lux with IR ON Lens Mount M12 Lens Mount M12 Horizontal Filed of View 105.41° S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WNR Yes Digital NR Yes (2D DNR) 3D DNR) Auto Gain Control (AGC) Auto White Balance (AWB) Backlight Compensation (BLC) Backlight Compensation (BLC) Constant Responsibility of the Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Maximum SW Information Mirror SSOC) Information Mirror SSOC) Information Mirror SSOC (ASSOC) Informatic Mirror Mirror SSOC (ASSOC) Informatic Mirror SSOC (ASSOC)	Video Output	1 channel BNC Video Output
Electronic Shutter 1/15s to 1/50,000s IR Distance Up to 66ft. Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate CVBS Analog; 30 FPS Win. Illumination 0.05 lux F1.2 (AGC ON), 0 lux with IR ON Lens Mount M12 Lens Mount M12 Horizontal Filed of View 105.41° S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WNR Yes Digital NR Yes (2D DNR) 3D DNR) Auto Gain Control (AGC) Auto White Balance (AWB) Backlight Compensation (BLC) Backlight Compensation (BLC) Constant Responsibility of the Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Maximum SW Information Mirror SSOC) Information Mirror SSOC) Information Mirror SSOC (ASSOC) Informatic Mirror Mirror SSOC (ASSOC) Informatic Mirror SSOC (ASSOC)	Image System	PAL / NTSC
Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15FPS CVBS Analog: 30 FPS Min. Illumination 0.05 lux F1.2 (AGC ON), 0 lux with IR ON Lens Fixed 2.8mm Lens Lens Mount M12 Horizontal Field of View 105.41° S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Backlight Compensation (BLC) No Edge Brightness Compensation (BLC) No Edge Brightness Compensation Yes Mirror Image Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage D C 12V (±10%) Power Consumption Maximum 5W Ingress Protection 1P67 Working Environment - 22°-131°F (-30°-55°C)		
Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15FPS CVBS Analog: 30 FPS CVBS Analog:	IR Distance	Up to 66ft.
CVBS Analog: 30 FPS Min. Illumination 0.05 Lux F1.2 (AGC ON), 0 Lux with IR ON Lens Fixed 2.8mm Lens Lens Mount M12 Horizontal Field of View 105.41° S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Backlight Compensation (BLC) No Edge Brightness Compensation (BLC) HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection 1P67 Working Environment - 22° -131°F (30°-55°C)	Video Formats	HD-TVI / AHD / CVI / CVBS (Analog)
Min. Illumination 0.05 lux F1.2 (AGC ON), 0 lux with IR ON Lens Fixed 2.8mm Lens Lens Mount M12 Horizontal Field of View 105.41° S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defoct Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection P67 Working Environment -22° ~131°F (-30° -55°C)	Frame Rate	HD-TVI / AHD / CVI / CVBS (Analog): 15FPS
Lens Fixed 2.8mm Lens Lens Mount M12 Horizontal Field of View 105.41° S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Backlight Compensation Yes Mirror Image Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual Adjustment Input Voltage D C 12V (±10%) Power Consumption Maximum SW Ingress Protection IP67 Working Environment -22°-131°F (-30°-55°C)		
Lens Mount M12 Horizontal Field of View 105.41° S/N Ratio 3ddB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Pefoq No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Ingress Protection Ingress Protection Maximum 5W Morking Environment -22°~131°F (-30°~55°C)	Min. Illumination	0.05 lux F1.2 (AGC ON), 0 lux with IR ON
Horizontal Field of View 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum SW Ingress Protection IP67 Working Environment -22°-131°F (-30°-55°C)	Lens	Fixed 2.8mm Lens
S/N Ratio 36dB Function Control SDS, Control over Coax (UTC) IIMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defoq No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22° ~131°F (-30° ~55°C)	Lens Mount	M12
Function Control IMAGE Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Auto White Balance (AWB) Backlight Compensation (BLC) Backlight Compensation (BLC) Backlight Compensation Yes Backlight Compe		
Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction GENRAL Angle Adjustment Manual Adjustment Input Voltage Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°-55°C)		
Day & Night EXT / Color / BW (Black and White) WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defoq No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Maximum SW Power Consumption Maximum SW Morking Environment -22°~131°F (-30°~55°C)		OSD, Control over Coax (UTC)
WDR Yes Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Ingress Protection Ingress Protection IPG7 Working Environment -22°~131°F (-30°~55°C)		
Digital NR Yes (2D DNR / 3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Ingress Protection Ingress Protection Ingress Protection Working Environment -22°~131°F (-30°~55°C)		
Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Edge Brightness Compensation Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Ingress Protection Ingr		
Auto White Balance (AWB) Yes Backlight Compensation (BLC) No Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Ingress Protection Ingress Protection Ingress Protection Ingress Protection Ingress Protection Information		
Backlight Compensation (BLC) Edge Brightness Compensation Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
GENERAL Angle Adjustment Input Voltage Power Consumption Ingress Protection Working Environment GENERAL Manual Adjustment DC 12V (±10%) Power Consumption Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Angle Adjustment Input Voltage Power Consumption Ingress Protection Working Environment Angle Adjustment DC 12V (±10%) Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		Auto / Manual
Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Power Consumption Maximum 5W Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Ingress Protection IP67 Working Environment -22°~131°F (-30°~55°C)		
Working Environment -22°~131°F (-30°~55°C)		
Dimensions 7.32x2.75in (186x70mm)		
	Dimensions	7.32x2.75in (186x70mm)