



AVC-TE51F28-G

NDAA | CE | F@

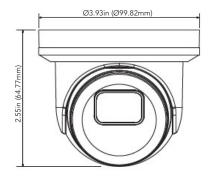
5MP HD-TVI FIXED TURRET CAMERA

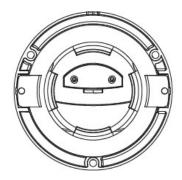
OVERVIEW

- 5MP (2592x1944)
- HD-TVI / CVI / AHD / CVBS (Analog)
- True Day & Night ICR
- Fixed 2.8mm Lens
- Easy-to-Use DIP Switch to Change Formats
- DNR, WDR, BLC
- Smart IR Illumination Up to 66ft
- IP67 ingress protection
- DC12V

DIMENSIONS

Unit : inch(mm)





OPTIONAL ACCESSORIES



AVM-JB-BE-S1-G JUNCTION BOX



AVM-CWM-EV-S1-G COMPACT WALL MOUNT



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

American Company (1,2 /** Progressive Scan CMOS Resolution SMP Image Size 2592x1944 Video Output 1. channel BNC Video Output Image System PAL / NTSC Electronic Shutter 1/5s to 1/50,000s IR Distance Up to 66ft. Video Formats HD-TW / ADH / CVI / CVBS (Analog) Frame Rate AHD / TW : SMP @ 036 ps (NTSC) / 25 fps (PAL), 2MP @ 30 fps (NTSC) / 25 fps (PAL) Min. Illumination 0.05 lux @ F12 (AGC ON), 0 lux with IR ON Lens Mount M12. Horizontal Field of Wew 92.8 Sin R Ratio 3 orde Finedo Common OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation Yes Mirror Image Yes Smart R (Anti-SAT) Yes Image Setting Yes Smart R (Anti-SAT) Yes Image Setting Yes Smart R (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Ingress Protection 1925 - 255*C) Working Environment - 22F*~131*F (-30*-55*C) Dimenson 20 338.25.55*Ing (100.065mm)		
Resolution SMP Image Size 2592x1944 Video Output 1. channel BNC Video Output Image System PAL / NTSC Electronic Shutter 1/15s to 1/50,000s IR Distance Up to 66ft. Video Formats H0-TVI / SMP @ 20fps (NTSC / PAL) Frame Rate AHD / TVI: SMP @ 20fps (NTSC / PAL) AHD / CVI / TVI: 4MP @ 30fps (NTSC) / 25fps (PAL), 2MP @ 30fps (NTSC) / 25fps (PAL) Min. Illumination Lens Fixed 2.8mm Lens Fixed 2.8mm Lens Fixed 2.8mm Lens Sin Ratio 39dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation (BLC) Yes Edge Brightness Compensation (BLC) Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC (22°-131°F (-30°-55°C)	CAMERA	
Image Size 2592x1944 Video Output 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 / ADH / CVI / CVBS (Analog) Frame Re AHD / TVI : SMP @ 20fps (NTSC / PAL) AHD / CVI / TVI : 4MP @ 30fps (NTSC) / 25fps (PAL), 2MP @ 30fps (NTSC) / 25fps (PAL) 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 .92.8° SiN Ratio .39dB Function Control .OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Day Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation (BLC) Yes Smart IR (Anti-SAT) Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENTERAL Angle Adjustment Manual Adjustment Input Voltage D C 12V (± 10%) Power Consumption Maximum 4W Ingust Voltage D C 12V (± 10%) Power Consumption Maximum 4W Ingust Voltage D C 12V (± 10%) Power Consumption Maximum 4W Ingust Voltage D C 12V (± 10%) Working Environment - 22F*-131*F (-30°-55°C)	Image Sensor	1/2.7" Progressive Scan CMOS
Video Output Channel BNC Video Output	Resolution	5MP
Video Output Channel BNC Video Output	Image Size	2592x1944
R Distance		
IR Distance Up to 66ft. Video Formats HD-TVI / ADH / CVI / CVBS (Analog) Frame Rate AHD / TVI: 5MP @ 20fps (NTSC) / 25fps (PAL), 2MP @ 30fps (NTSC) / 25fps (PAL) AHD / CVI / TVI: 4MP @ 30fps (NTSC) / 25fps (PAL), 2MP @ 30fps (NTSC) / 25fps (PAL) 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 92.8° S/N Ratio 39dB Function Control OSD, Control over Coax (UTC) IIMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Auto Gain Control (AGC) Auto White Balance (AWB) Yes Auto White Balance (AWB) Yes Edge Brightness Compensation Yes Edge Brightness Compensation 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 4W Ingress Protection 1P67 Working Environment - 22P°-131°F (-30°-55°C)	Image System	PAL / NTSC
Video Formats HD-TVI / ADH / CVI / CVBS (Analog) Frame Rate AHD / TVI: SMP @ 20fps (NTSC / PAL) AHD / CVI / TVI: 4MP @ 30fps (NTSC) / 25fps (PAL), 2MP @ 30fps (NTSC) / 25fps (PAL) Min. Illumination 0.05 lux @ F1.2 (AGC ON), 0 lux with IR ON Lens Mount M12 Lens Mount M12 Horizontal Field of View 92.8° S/N Ratio 39dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation Defog No HLC No Sharpness Yes Mirror Image Yes Smarl IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GISHERAL Angle Adjustment Manual Adjustment Ingrus Voltage D C 12V (±10%) Power Consumption Maximum 4W Ingress Protection 1P67 Working Environment - 22F°-131°F (-30°-55°C)	Electronic Shutter	1/15s to 1/50,000s
Frame Rate AHD / TVI: 5MP @ 20fps (NTSC / PAL) AHD / CVI / TVI: 4MP @ 30fps (NTSC) / 25fps (PAL) , 2MP @ 30fps (NTSC) / 25fps (PAL) Min. Illumination	IR Distance	Up to 66ft.
AHD / CVI / TVI: 4MP @ 30fps (NTSC) / 25fps (PAL) Min. Illumination	Video Formats	HD-TVI / ADH / CVI / CVBS (Analog)
Min. Illumination 0.05 Lux @ F1.2 (AGC ON), 0 Lux with IR ON Lens Mount M12 Horizontal Field of View 92.8° S/N Ratio 39dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation Pefog 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 4W Ingress Protection IP67 Working Environment - 22F°-131*F (-30°-55°C)	Frame Rate	AHD / TVI: 5MP @ 20fps (NTSC / PAL)
Min. Illumination 0.05 Lux @ F1.2 (AGC ON), 0 Lux with IR ON Lens Mount M12 Horizontal Field of View 92.8° S/N Ratio 39dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation Pefog 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 4W Ingress Protection IP67 Working Environment - 22F°-131*F (-30°-55°C)		AHD / CVI / TVI: 4MP @ 30fps (NTSC) / 25fps (PAL), 2MP @ 30fps (NTSC) / 25fps (PAL)
Lens Mount M12 Horizontal Field of View 92.8° S/N Ratio 39dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 4W Ingress Protection IP67 Working Environment -22F°-131°F (-30°-55°C)	Min. Illumination	0.05 lux @ F1.2 (AGC ON), 0 lux with IR ON
Horizontal Field of View 92.8° S/N Ratio 39dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Lens	Fixed 2.8mm Lens
S/N Ratio 39dB Function Control IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation Yes Defog No HLC No Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 4W Ingress Protection Ingress Protection Ingress Protection Ingress Protection Ingress Protection Volking Environment -22F°-131°F (-30°~55°C)	Lens Mount	M12
Function Control IMAGE Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Auto White Balance (AWB) Backlight Compensation (BLC) Edge Brightness Compensation HLC No Sharpness Mirror Image Senart IR (Anti-SAT) Image Setting Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage Power Consumption Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°-55°C)	Horizontal Field of View	92.8°
Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	S/N Ratio	39dB
Day & Night EXT / Auto / Color / BW (Black and White) WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Function Control	OSD, Control over Coax (UTC)
WDR Yes Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	IMAGE	
Digital NR Yes Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 -22F°~131°F (-30°~55°C)	Day & Night	EXT / Auto / Color / BW (Black and White)
Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 IP67 Working Environment -22F°~131°F (-30°~55°C)	WDR	Yes
Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes 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 Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)		
Backlight Compensation (BLC) Yes 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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Auto Gain Control (AGC)	Yes
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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Auto White Balance (AWB)	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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Backlight Compensation (BLC)	Yes
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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Edge Brightness Compensation	Yes
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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Defog	No
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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	HLC	No
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 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Sharpness	Yes
Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Manual Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Mirror Image	Yes
Defect Correction Auto / Manual GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Power Consumption Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Smart IR (Anti-SAT)	Yes
GENERAL Angle Adjustment Input Voltage Power Consumption Ingress Protection Working Environment GENERAL Manual Adjustment DC 12V (±10%) Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Image Setting	Yes
Angle Adjustment Input Voltage Power Consumption Ingress Protection Working Environment Angle Adjustment DC 12V (±10%) Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Defect Correction	Auto / Manual
Input Voltage DC 12V (±10%) Power Consumption Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	GENERAL	
Power Consumption Maximum 4W Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Angle Adjustment	Manual Adjustment
Ingress Protection IP67 Working Environment -22F°~131°F (-30°~55°C)	Input Voltage	DC 12V (±10%)
Working Environment −22F°~131°F (-30°~55°C)	Power Consumption	Maximum 4W
	Ingress Protection	IP67
Dimensions Ø3.93x2.55in (Ø100x65mm)	Working Environment	-22F°~131°F (-30°~55°C)
	Dimensions	Ø3.93x2.55in (Ø100x65mm)