





# **AVC-TV82M**

#### NDAA

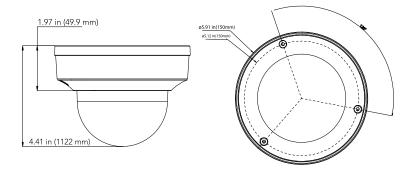
8MP HD-TVI MOTORIZED VARIFOCAL VANDAL DOME CAMERA

### **OVERVIEW**

- 8MP (3840 X 2160)
- Motorized 2.7 13.5 mm Lens
- HD-TVI / CVI / AHD / CVBS (Analog)
- Easy-to-Use DIP Switch to Change Formats
- True Day / Night
- Smart IR Illumination Up to 115ft.
- Digital NR
- DWDR
- IP67 Outdoor Rating
- IK10 Vandal Proof Rating
- Dual Voltage: DC 12V (±10%, 6W Consumption) & AC24V
- NDAA Compliant

## **DIMENSIONS**

Unit: inch(mm)



#### **OPTIONAL ACCESSORIES**



AVM-JB-V-L1 JUNCTION BOX



AVM-CWM-EDV-L1
COMPACT WALL MOUNT



AVM-HWM-V-L1
HEAVY-DUTY WALL MOUNT



AVM-HCM-V-L1
CEILING MOUNT



AVM-CRM-A1
CORNER MOUNT



AVM-POM-A1
POLE MOUNT



AVM-RM-V-L1
RECESSED CEILING MOUNT





### **SPECIFICATIONS**

Mange Sensor 1/2.7" Progressive Scan CMOS Resolution BMP Image Size 3840 X 2160 Video Qutput 1-channel BNC Video Qutput Image Size 3840 X 2160 Video Qutput 1-channel BNC Video Qutput Image System PAL, INTSC Electronic Shutter 1/15s to 1/50,000s IR Distance. Up to 115ft (35m) Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVI / CVBS (Analog) Frame Bate HD-TVI / AHD / CVBS (Analo		
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Electronic Shutter	Video Output	1-channel BNC Video Output
IR Distance Up to 115ft (35m)  Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15 FPS  Min. Illumination 0.05luxF1.2(AGC ON), OLux with IR ON Lens Motorized 2.7 - 13.5mm Lens  Horizontal Field of View 115.9°(W) & -33.8°(T) Lens Mount g Harm S/N Ratio 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night EXT / Auto / Color / BW (Black and White) Digital WDR Yes Digital WDR Yes Digital NR Yes (3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Yes Edge Brightness Compensation Yes Defog No HIC Yes Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Any Angle Input Voltage Dc 12V (£10%) & ACC24V Power Consumption Maximum 6W Norking Environment - 22° -131° F (-30° -55° Celcius)	Image System	PAL / NTSC
Video Formats   ID-TVI / AHD / CVI / CVBS (Analog)	Electronic Shutter	1/15s to 1/50,000s
Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15 FPS  Min. Illumination 0.05luxF1.2(AGC ON), 0Lux with IR ON  Lens Motorized 2.7 - 13.5mm Lens  Horizontal Field of View 115.9°(N) & -33.8°(T)  Lens Mount g14mm S/N Ratio 36dB  Function Control OSD, Control over Coax (UTC)  IMAGE  Day & Night EXT / Auto / Color / BW (Black and White) Digital WDR Yes Digital NR Yes (3D DNR)  Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation Yes Edge Brightness Compensation Yes  Defog No HLC Yes Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual  GENIERAL  Angle Adjustment Any Angle Ingur Yorkage DC 12V (±10%) & AC24V Power Consumption IRG Waximum 6W IRG	IR Distance	Up to 115ft (35m)
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Horizontal Field of View 115.9°(W) & -33.8°(T)  Lens Mount p14mm S/N Ratio 36dB  Function Control OSD, Control over Coax (UTC)  IMAGE  Day & Night EXT / Auto / Color / BW ( Black and White) Digital WDR Yes Digital WDR Yes (3D DNR)  Auto Gain Control (AGC) Yes Auto White Balance (AWB) Backlight Compensation (BLC) Yes Edge Brightness Compensation Yes Edge Brightness Compensation Yes Mirror Image Yes Mirror Image Yes Sharpness Yes Mirror Image Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Any Angle Input Voltage DC 12V (±10%) & AC24V Power Consumption Maximum 6W Ingress Protection IP67 Vanda Rating IKTO Working Environment -22°-131° F (-30°-55° Celcius)	Min. Illumination	0.05luxF1.2(AGC ON), 0Lux with IR ON
Lens Mount	Lens	Motorized 2.7 - 13.5mm Lens
S/N Ratio 36dB Function Control OSD, Control over Coax (UTC)    MAGE	Horizontal Field of View	115.9°(W) & -33.8°(T)
Function Control  IMAGE  Day & Night EXT / Auto / Color / BW ( Black and White)  Digital WDR Auto Gain Control (AGC) Auto Gain Control (AGC) Fes  Backlight Compensation Pefog Bornel Bulle Backlight Compensation Pefog Bornel Bulle Bull		
IMAGE Day & Night EXT / Auto / Color / BW (Black and White) Digital WDR Yes Digital NR Yes (3D DNR) Auto Gain Control (AGC) Yes Auto White Balance (AWB) Yes Backlight Compensation (BLC) Edge Brightness Compensation Yes Defog No HLC Yes Sharpness Yes Mirror Image Yes Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual GENERAL Angle Adjustment Any Angle Input Voltage DC 12V (±10%) & AC24V Power Consumption Maximum 6W Ingress Protection P67 Vandal Rating IK10 Working Environment -22°~131° F (-30°~55° Celcius)		
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Backlight Compensation (BLC) Yes Edge Brightness Compensation Yes  Defog No HLC 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%) & AC24V  Power Consumption Maximum 6W Ingress Protection IP67 Vandal Rating IK10 Working Environment -22°~131° F (-30°~55° Celcius)		
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Defog No HLC Yes  Sharpness Yes Mirror Image Yes  Smart IR (Anti-SAT) Yes Image Setting Yes Defect Correction Auto / Manual  GENERAL  Angle Adjustment Any Angle Input Voltage DC 12V (±10%) & AC24V  Power Consumption Maximum 6W Ingress Protection IP67  Vandal Rating IK10  Working Environment -22°~131° F (-30°~55° Celcius)	Backlight Compensation (BLC)	Yes
HLC Yes  Sharpness Yes  Mirror Image Yes  Smart IR (Anti-SAT) Yes  Image Setting Yes  Defect Correction Auto / Manual  GENERAL  Angle Adjustment Any Angle Input Voltage DC 12V (±10%) & AC24V  Power Consumption Maximum 6W  Ingress Protection IP67  Vandal Rating IK10  Working Environment -22°~131° F (-30°~55° Celcius)		
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Input Voltage DC 12V (±10%) & AC24V  Power Consumption Maximum 6W  Ingress Protection IP67  Vandal Rating IK10  Working Environment -22°~131° F (-30°~55° Celcius)		
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Ingress Protection IP67 Vandal Rating IK10 Working Environment -22°~131° F (-30°~55° Celcius)		
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Dimensions Ø5.91" x 4.41" (Ø150.0mm x 112.0mm)		
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