#### AVC-TD81F28 8MP HD-TVI INDOOR DOME CAMERA









### 8MP HD-TVI INDOOR DOME CAMERA

8MP HD ANALOG INDOOR DOME CAMERA WITH 4-IN-1 SIGNAL OUTPUT

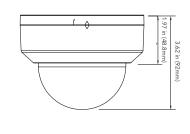
Our Second Generation HD-TVI Series continues providing the quality expected from the AVYCON brand. This 8MP camera includes an upgraded Smart IR LED array, new DIP switch design for easily changing video formats (HD-TVI, CVI, AHD and Analog). With the newest generation chipset and board design, we have also increased power efficiency with a possible 20% savings in consumption. Also standard with this series is Digital NR, AGC, DWDR, and BLC capabilities.

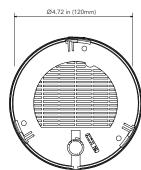
## **FUNCTIONS**

- 8MP HD-TVI (default), CVI, AHD, ANALOG (960H)
- Maximum Resolution: 3840 x 2160
- 2.8mm Fixed Lens
- Smart IR Illumination Up to 66ft.
- True Day/Night
- Digital WDR
- Digital NR
- AGC
- BLC
- DIP Switch
- DC12V
- 15 FPS
- NDAA Compliant

### **DIMENSIONS**

Unit: inch (mm)





#### **OPTIONAL ACCESSORIES**



AVM-CWM-EV-S1
COMPACT WALL MOUNT

# **SPECIFICATIONS**

Mage Sensor   1/2.7"   Progressive Scan CMOS		
Resolution BMP Image Size 3840 x 2160 Video Output 1-channel BNC Video Output Image System PAL / NTSC Electronic Shutter / 175 to 1750,000s IR Distance Up to 66ft. Video Frame Rate Up to 66ft.  Video Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15 FPS Min. Illumination 0. Sixuk-12,04GC CON, OLux with IR ON Lens Fixed 2.8mm Lens Lens Mount M12 Horizontal Field of View 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night E Digital WDR Ves Digital WDR Ves Digital NR Ves (3D DNR) Auto Gain Control (AGC) Ves Auto White Balance (AWB) Ves Backlight Compensation (BLC) Edge Brightness Compensation (BLC) Fixed Shappness Ves Mirror Image Ves Sharpness Ves Mirror Image Ves Smart IR (Anti-SAT) Ves Image Setting Ves Smart IR (Anti-SAT) Ves Image Setting Ves Defect Correction Defect Correction GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Maximum SW Maximu	CAMERA	
Resolution BMP Image Size 3840 x 2160 Video Output 1-channel BNC Video Output Image System PAL / NTSC Electronic Shutter / 175 to 1750,000s IR Distance Up to 66ft. Video Frame Rate Up to 66ft.  Video Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15 FPS Min. Illumination 0. Sixuk-12,04GC CON, OLux with IR ON Lens Fixed 2.8mm Lens Lens Mount M12 Horizontal Field of View 36dB Function Control OSD, Control over Coax (UTC) IMAGE Day & Night E Digital WDR Ves Digital WDR Ves Digital NR Ves (3D DNR) Auto Gain Control (AGC) Ves Auto White Balance (AWB) Ves Backlight Compensation (BLC) Edge Brightness Compensation (BLC) Fixed Shappness Ves Mirror Image Ves Sharpness Ves Mirror Image Ves Smart IR (Anti-SAT) Ves Image Setting Ves Smart IR (Anti-SAT) Ves Image Setting Ves Defect Correction Defect Correction GENERAL Angle Adjustment Input Voltage DC 12V (±10%) Maximum SW Maximu	Image Sensor	1/2.7" Progressive Scan CMOS
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Video Formats HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog) Frame Rate HD-TVI / AHD / CVI / CVBS (Analog): 15 FPS  Min. Illumination	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 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 / Auto / Color / BW ( Black and White)  Digital WDR Yes,  Digital NDR Yes (3D DNR)  Auto Gain Control (AGC) Yes  Auto White Balance (AWB) Yes  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  ESNERAL  Angle Adjustment Any Angle  Input Voltage DC 12v (±10%)  Power Consumption Maximum SW  Working Environment - 22v-122v F (-30v-50v Celcius)		
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S/N Ratio 36dB Function Control  Spp. Control over Coax (UTC)  IMAGE  Day & Night Digital WDR Pes Digital NP Auto Gain Control (AGC) Auto White Balance (AWB) Backlight Compensation (BLC) Edge Brightness Compensation Defog No HLC Yes Sharpness Mirror Image Setting Mirror Image Setting Defect Correction Angle Adjustment Input Voltage Power Consumption  Maximum 5W Working Environment  Josph Control over Coax (UTC)  But Cloth But Cloth Black and White  EXT / Auto / Color / BW (Black and White)  EX		
Function Control  IMAGE  Day & Night EXT / Auto / Color / BW (Black and White)  Digital WDR Yes Digital NR Auto Gain Control (AGC) Auto White Balance (AWB) Backlight Compensation (BLC) Edge Brightness Compensation Person HLC Sharpness Mirror Image Yes Smart IR (Anti-SAT) Image Setting Defect Correction Auto / Manual  GENERAL Angle Adjustment Input Voltage Power Consumption Maximum 5W  Working Environment  -22° -122° F (-30° -50° Celcius)  Pes Digital WDR Yes (Hack and White) Yes (Hack and White) Yes (Hack and White) Yes (Yes Yes (Yes Yes (Yes Yes (Yes Auto / Manual Auto / Manual Auto / Manual Maximum 5W  Working Environment -22° -122° F (-30° -50° 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 Defect Correction Auto / Manual  GENERAL Angle Adjustment Any Angle Input Voltage DC 12V (±10%) Power Consumption Maximum 5W Working Environment -22°~122° F (-30°~50° Celcius)	Auto Gain Control ( AGC)	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 Power Consumption Maximum 5W Working Environment  -22°~122° F (-30°~50° Celcius)		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%) Power Consumption Maximum 5W Working Environment -22°~122° F (-30°~50° Celcius)		Yes
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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  Working Environment -22°~122° F (-30°~50° Celcius)		
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Power Consumption Maximum 5W Working Environment -22°~122° F (-30°~50° Celcius)	Angle Adjustment	Any Angle
Working Environment -22°~122° F (-30°~50° Celcius)		
	Power Consumption	Maximum 5W
Dimensions Ø4.72" x 3.62" (Ø120mm x 92mm)		
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