

## AVC-TE81M

### 8MP HD-TVI VARIFOCAL TURRET CAMERA



Grey Available:  
AVC-TE81M-G

## 8MP HD-TVI VARIFOCAL TURRET CAMERA

8MP HD-TVI VARIFOCAL TURRET CAMERA WITH HD OVER COAX FEATURES

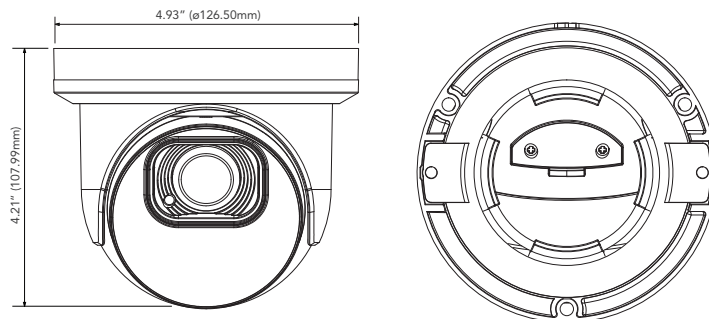
Our Second Generation HD-TVI Series continues providing the quality expected from the AVYCON brand. This 4K camera includes an upgraded Smart IR LED array, new DIP switch design for easily changing video formats (HD-TVI, CVI, AHD and Analog), and a sleek new magnetic ring designed to hide all mounting screws from view and create a seamless body look. With the newest generation chipset and board design, we have also increased power efficiency with a possible 20% savings in consumption. This camera also includes a motorized 2.7mm-13.5mm Varifocal Lens with Autofocus capabilities that can be controlled through the DVR. Also standard with this series is Digital NR, AGC, DWDR, BLC, and Defog capabilities along with IP67 outdoor rating.

## FUNCTIONS

- 8MP (3840 x 2160)
- Motorized Varifocal 2.7-13.5mm 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
- Defog
- DWDR
- IP67 Outdoor Rating
- DC 12V (6W Consumption)

## DIMENSIONS

Unit : inch (mm)



## OPTIONAL ACCESSORIES



AVM-JB-BE-L1  
JUNCTION BOX



AVM-CWM-EDV-L1  
COMPACT WALL MOUNT



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



AVM-HCM-E-L1  
CEILING MOUNT



AVM-CRM-A1  
CORNER MOUNT



AVM-POM-A1  
POLE MOUNT



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# AVC-TE81M

## 8MP HD-TVI VARIFOCAL TURRET CAMERA

### SPECIFICATIONS

| CAMERA                       |   |
|------------------------------|---|
| Image Sensor                 | 1/2.7" Progressive Scan CMOS                      |
| Resolution                   | 8MP   |
| Image Size                   | 3840 x 2160                                       |
| Video Output                 | 1-channel BNC Video Output                        |
| Image System                 | PAL / NTSC  |
| Electronic Shutter           | 1/15s to 1/50,000s                                |
| IR Distance                  | Up to 115ft.                                      |
| Video Formats                | HD-TVI / ADH / CVI / CVBS (Analog)                |
| Frame Rate                   | HD-TVI / ADH / CVI: 15 fps<br>CVBS Analog: 30 fps |
| Min. Illumination            | 0.05lux@F1.2(AGC ON),0Lux with IR ON              |
| Lens                         | 2.7-13.5mm Motorized Lens                         |
| Horizontal Field of View     | 115.9° – 33.8°                                    |
| Lens Mount                   | Ø14mm   |
| S/N Ratio                    | 36dB  |
| Function Control             | OSD and CoC                                       |
| 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) | 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                                     |
| Language                     | Support for 12 Different Languages                |
| GENERAL                      |   |
| Angle Adjustment             | Any Angle   |
| Input Voltage                | DC 12V (±10%)                                     |
| Power Consumption            | Maximum 6W  |
| Ingress Protection           | IP67  |
| Working Environment          | -22°F - 131°F (-30°~55° Celcius)                  |
| Dimensions                   | 4.96" x 4.21" (126.50mm x 107.99mm)               |



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