



AVC-BHN41AVT/V2 AI

NDA
COMPLIANT | CE | FC

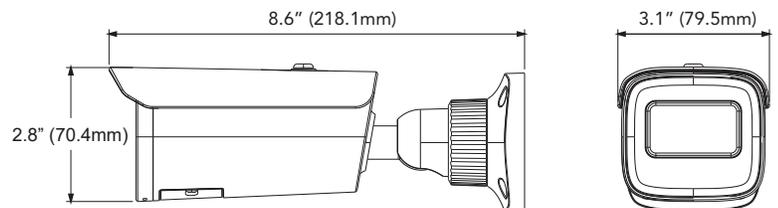
4MP H.265 VARIFOCAL BULLET NETWORK CAMERA

OVERVIEW

- 4MP (2592 x 1520) H.265 Full Real Time Encoding
- Max. Resolution: 2592 x 1520
- True Day / Night Operation with ICR Automatic Switching
- Up to 165ft Nighttime IR Illumination
- Smart IR Illumination
- 2.8 - 12mm Varifocal Motorized Lens with Autofocus
- True WDR
- 3D DNR, HLC, BLC, Defog, and ROI encoding
- Supports image distortion correction
- Built-in micro SD card slot with video and still image capture function (up to 256GB)
- Supports triple streams
- DC12V/PoE power supply
- IP67 ingress protection
- P2P/NAT Function available
- Supports remote monitoring by Smart Phones/Tablets with iOS and Android OS
- Intelligent analytics including: Line Crossing, Region intrusion, Person and Vehicle Counting, Scene Change/Vandalism Detection, Face Detection and others.

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-BDMT-W-TL1
JUNCTION BOX



AVM-DPMT-W-TL1
CEILING MOUNT BRACKET

SPECIFICATIONS

CAMERA	
Image Sensor	1/3" Progressive Scan CMOS
Resolution	4MP
Image Size	2592 x 1520
Electronic Shutter	1/30s to 1/100,000s
Iris Type	Fixed Iris / DC Iris
IR Distance	Up to 165ft. (50m)
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR, 0.0028 lux@F1.2, AGC ON; 0 lux with IR
Lens	Motorized: 2.8~12mm@F1.4, Horizontal FoV: 94.2°~29.8°; Vertical FoV:62.4°~17°; Diagonal FoV: 102°~33.9°
Lens Mount	Ø14
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 80°; Rotation: 0° ~ 360°
Wide Dynamic Range	True WDR (120 dB)
Digital NR	3D DNR
Backlight Compensation (BLC)	Yes
Highlight Compensation (HLC)	Yes
Defog	Yes
Day & Night	Yes
VIDEO STREAM	
Max. Image Resolution	2592 x 1520
Primary Stream	(2592 x 1520): 30fps 60Hz: (2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) @ 30fps HFR mode: (60Hz:1920 x 1080, 1280 x 720) @ 60fps 50Hz: (2592x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) @ 25fps HFR mode: (50Hz: 1920 x 1080, 1280 x 720) @ 50fps
Secondary Stream	(1280 x 720, 704 x 480, 352 x 288, 480 x 240) @ 30fps (1280 x 720, 704, 480, 352 x 288, 480 x 240) @ 25fps
Tertiary Stream	(704 x 480, 352 x 288, 480 x 240) @ 30fps
Video Compression	H.265 MP / H.264 BP / MP / HP / MJPEG
Video Bit Rate	64Kbps~8Mbps (CBR / VBR Adjustable)
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. (Adjustable through Software or Browser)
NETWORK	
Ethernet	1 x RJ45 10M / 100M Self-Adaption
Network Storage	Network Remote Storage
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS / CVMS 2.0
Online Connections	Supports Up to 10 Concurrent Users
Protocol	UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, QoS, IPv4, IPv6, RTMP (v5.x firmware and above)
AUDIO	
Audio Compression	G711A / U
Audio I/O	1/0; 1(Mic-In)
SYSTEM	
Alarm	No
Local Storage	Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
Smart Alarm	Motion Alarm, Sensor Alarm, SD Card Error, SD Card Full
Video Analytics	Line Crossing, Region intrusion, Person and Vehicle Counting, Scene Change/Vandalism Detection, Face Detection and others
GENERAL	
Supported Protocols	ONVIF Profiles S and G
Input Voltage	DC 12V / PoE
Power Consumption	<9.5W
Hardware Reset	Yes
Ingress Protection	IP67
Working Environment	-22°F~-140°F (-30°~-60° Celcius)
Working Humidity	10%~90% (Non-Condensing)
Weight	1.5lbs
Dimensions	8.6" x 3.1" x 2.8" (218.1mm x 79.5mm x 70.4mm)