

# AVC-BHN41AVT

## 4MP H.265 VARIFOCAL BULLET NETWORK CAMERA



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4MP H.265 NETWORK IR WEATHER-PROOF BULLET CAMERA

The AVC-BHN41AVT is our 4MP H.265 Network IR Bullet Camera with a 2.8mm~12mm motorized lens and featuring our newest generation of video analytics. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for standalone recording applications. The AVC-BHN41AVT can be powered by both PoE(802.3af) and DC12V and also includes a hardware reset button. Integrated Video Analytics include Missing/Abandoned Objects\*, Line Crossing, Heat Map\*, Vehicle/People Counting and Facial Detection.

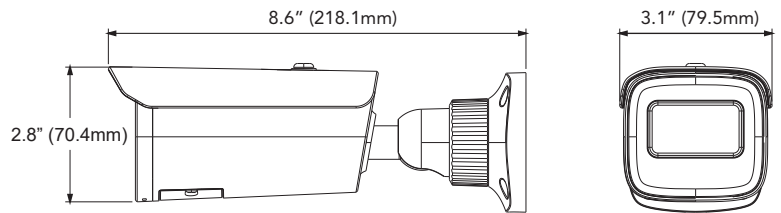
\*Features available soon

## FUNCTIONS

- 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, up to 128GB
- 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



AVM-DPMT-W-TL1

# AVC-BNH41AVT

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### 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<br>60Hz: (2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) @ 30fps<br>HFR mode: (60Hz:1920 x 1080, 1280 x 720) @ 60fps<br>50Hz: (2592x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) @ 25fps<br>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<br>(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   |
| AUDIO                        |  |
| Audio Compression            | G711A / U  |
| Audio I/O                    | 1/0; 1(Mic-In)   |
| SYSTEM                       |  |
| Alarm                        | No   |
| Local Storage                | Built-in Micro SD Card Slot; Up to 128 GB  |
| 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)   |



**AVYCON**<sup>®</sup>

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