AVC-BHN41AVT/V2
4MP H.265 VARIFOCAL BULLET NETWORK CAMERA

4MP Resolution

True WDR

True D&N

IP67
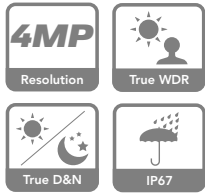
4MP H.265 **VARIFOCAL BULLET NETWORK CAMERA**

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

The AVC-BHN41AVT/V2 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/V2 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 Nightime 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

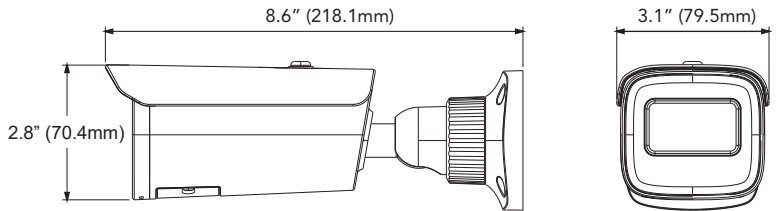Unit : inch (mm)

8.6" (218.1mm)

2.8" (70.4mm)

3.1" (79.5mm)

OPTIONAL ACCESSORIES

AVM-BDMT-W-TL1

AVM-DPMT-W-TL1

AVYCON®

AVC-BNH41AVT/V2
4MP H.265 VARIFOCAL BULLET NETWORK CAMERA

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

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)

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