

# AVC-EHN51AVT-AI-SL

## 5MP SMART DEFENDER EYEBALL IP CAMERA



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5MP SMART DEFENDER EYEBALL IP CAMERA WITH ADVANCED VIDEO ANALYTICS

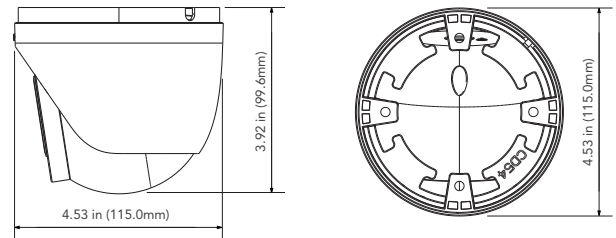
The AVC-EHN51AVT-AI-SL is a 5MP H.265 Eyeball IP Camera with a motorized 2.8 - 12mm auto-focus lens and featuring our newest generation of video analytics, with an integrated speaker and LEDs to warn intruders when their motion is detected. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for standalone recording applications. The AVC-EHN51AVT-AI-SL 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.

### FUNCTIONS

- 5MP H.265 Real Time Encoding
- Maximum Resolution: 2592 x 1944
- Motorized 2.8 - 12mm Zoom Lens
- Smart IR Illumination Up to 164ft.
- True Day/Night
- True WDR
- Hardware Reset
- Built-in Micro SD Card Slot
- Supports Three Streams
- NAT/P2P Function Optional
- Integrated Speaker and Warning LEDs to alert intruders when motion (Standard & Advanced) is detected
- Video Analytics: Line Crossing, Scene Change, Region Intrusion, Video Blur Detection, etc.
- Supports Mobile Monitoring by Smart Phones with iOS and Android OS
- IP67 Outdoor Rating
- DC12V / PoE (802.3af) <11W

### DIMENSIONS

Unit : inch (mm)



### OPTIONAL ACCESSORIES



AVM-EDMTS-W-TL1



AVM-EWMTS-W-TL1



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## 5MP SMART DEFENDER EYEBALL IP CAMERA

### SPECIFICATIONS

CAMERA	
Image Sensor	1/2.7" Progressive Scan CMOS
Resolution	5MP
Image Size	2592 x 1944
Electronic Shutter	1/30s to 1/100,000s
Iris Type	DC Iris
IR Distance	Up to 164ft. (50m)
Min. Illumination	0.008lux@F1.4(AGC ON), 0Lux with IR ON
Lens	Motorized 2.8mm - 12mm Zoom Lens @F1.4
Field of View	Horizontal Field of View: 92.7°~29.8° Vertical: 76.4°~22.6° Diagonal: 105.4°~36.8°
Lens Mount	Ø14
Angle Adjustment	Pan: 0°~360°, Tilt: 0°~80°, Rotation: 0°~360°
Wide Dynamic Range	120dB
Digital NR	Yes (3D DNR)
Backlight Compensation (BLC)	Yes
Defog	Yes
HLC	Yes
Sharpness	Yes
Language	Support for 12 Different Languages
VIDEO STREAM	
Max. Image Resolution	2592 x 1944
Primary Stream	(2592 x 1944): 30fps (2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720): 30fps (1920 x 1080, 1280 x 720): 60fps (High Frame Rate)
Secondary Stream	(1280 x 720, 720 x 480, 480 x 240, 352 x 240): 30fps
Tertiary Stream	(720 x 480, 480 x 240, 352 x 240): 30fps
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
Video Bit Rate	64 Kbps~8Mbps (CBR / VBR Adjustable)
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc.
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
Network Storage	Network Remote Storage
Remote Monitoring	Web Browser Interface, AVYCON CVMS / CVMS 2.0
Online Connections	Supports Up to 10 Concurrent Users
Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
AUDIO	
Audio Compression	G711A / U
Audio I/O	1/1; 1(Built-in Speaker) & 1(Built-in Mic)
SYSTEM	
Alarm	1/1
Local Storage	Built-in Micro SD Card Slot; Up to 128 GB
Advanced Function	Video Masking, Password Protection, Watermarking, IP Address Filtering, Heartbeat Tracking, Non-Photosensitive Switch, Image Distortion Correction
Event Trigger	Motion Detection, IP Address Conflict, Cable Disconnection, SD Card Error, SD Card Full
Video Analytics	Region Entrance, Region Exit, Intrusion Detection, Line Crossing Detection, Video Blur Detection, Video Color Cast Detection, Scene Change Detection
Visual Warning	3 LEDs, Can be Configured When Motion is Detected
Auditory Warning	Built-in Speaker, can be configured when motion is detected
GENERAL	
Supported Protocols	ONVIF Profiles S and G
Input Voltage	DC 12V (±10%) / PoE(802.3af)
Power Consumption	<11.5W
Hardware Reset	Yes
Ingress Protection	IP67
Working Environment	-22°~140° F (-30°~60° Celcius)
Working Humidity	<95% (Non-Condensing)
Weight	1.4lbs
Dimensions	4.53" x 3.92" (115.0mm x 99.6mm)



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