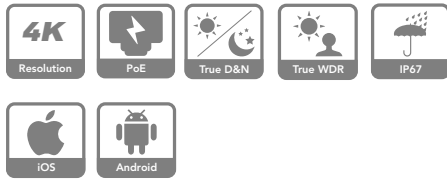


AVC-ENN81AVT

4K H.265 MOTORIZED VARIFOCAL EYEBALL IP CAMERA



4K H.265 MOTORIZED VARIFOCAL EYEBALL IP CAMERA

4K H.265 MOTORIZED VARIFOCAL EYEBALL IP CAMERA WITH ADVANCED VIDEO ANALYTICS

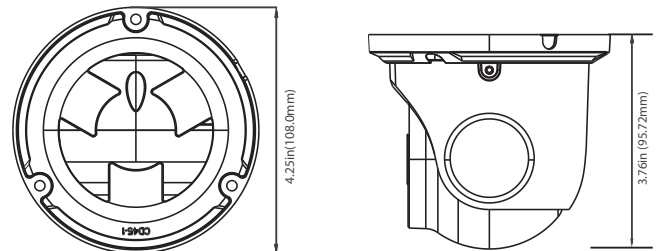
The AVC-ENN81AVT is a 4K H.265 Waterproof Eyeball IP Camera with a motorized varifocal 2.8 - 12mm lens and featuring our newest generation of video analytics. This camera has up to 164 ft. of Smart IR Illumination, supports True Day/Night mode, supports True WDR capabilities, and also includes a microSD memory card slot of up to 256GB for standalone recording applications. The AVC-ENN81AVT has durable water-proof protection with an IP67 outdoor rating. Features of the Integrated Video Analytics on this model include Face Detection, Exception, Tripwire, Object Detection, Crowd Density, etc.

FUNCTIONS

- H.265 Main Profile Video Compression
- Maximum Resolution: 3840 x 2160
- 8.4MP (3840 x 2160) Full Real Time Coding
- Motorized Varifocal 2.8 - 12mm Lens
- Smart IR Illumination Up to 164ft (50m)
- True Day/Night ICR Auto Switch
- 3D DNR, Digital WDR, ROI Coding, HLC & BLC Support
- Defogging
- Supports Three Stream
- ICR Filter Change Function
- Supports Local CVBS Video Output and One-Way Audio
- Smart Analytics (optional): Face Detection, Exception Tripwire, Object Detection, Region Intrusion, Crowd Density, People Intrusion, People Counting
- Supports remote monitoring by Mobile Devices Web Browser, and CMVS Software
- IP67 Outdoor Rating
- DC12V ($\pm 10\%$) / PoE (802.3af)
- NDA A Compliant

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES



AVM-EDMT-W-TL1

JUNCTION BOX



AVM-EWMT-W-TL1

WALL MOUNT



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AVC-ENN81AVT

4K H.265 MOTORIZED VARIFOCAL EYEBALL IP CAMERA

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Image Size	3840 x 2160
Shutter Speed	1/3s to 1/100,000s
Iris Type	Fixed Iris
Min. Illumination	Color: 0.015 lux @ F1.4(AGC ON); BW: 0 lux with IR
IR Distance	Up to 164ft
Lens	Motorized 2.8 - 12 mm @ F1.4 Horizontal FoV: 97° ~ 32° Vertical FoV: 57° ~ 18° Diagonal FoV: 115° ~ 36°
Lens Mount	Ø14
Day & Night	ICR
Wide Dynamic Range	120dB
Digital NR	3D DNR
Backlight Compensation (BLC)	Yes
Highlight Compensation (HLC)	Yes
Defog	Yes
S/N Ratio	≥50dB
EIS	Yes
Angle Adjustment	Pan: 0°~360° ; Tilt: 0°~80° ; Rotation:0°~360°
VIDEO IMAGE	
Max. Image Resolution	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	8MP (3840×2160), 6MP (3072×2048), 5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480 × 240, VGA (640×480)
Main Stream	60Hz: 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1~25fps); HFR mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	60Hz: 720P/D1/CIF/VGA/480x240 (1~30fps); 50Hz: 720P/D1/CIF/VGA/480x240 (1~25fps)
Third Stream	60Hz: 720P/D1/480x240/CIF (1~30fps); 50Hz: 720P/D1/480x240/CIF (1~25fps)
Video Bit Rate	64 Kbps ~ 12 Mbps (CBR / VBR Adjustable)
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
NETWORK / INTERFACE	
Network	1 x RJ45 10M / 100M Self-Adaptive Ethernet port
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS
Interface Protocol	ONVIF (Profile S, G, T, M)
Web Browser	IE11 (Plug-in required) / Google Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
Storage	Network remote storage; micro SD card storage (256GB)
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Audio Compression	G711A / U
Alarm	No
Hardware Reset	Yes
DORI DISTANCE	
	Lens Detect Observe Recognize Identify
	2.8 ~ 12mm (W) 262ft (80m) 105ft (32m) 52ft (16m) 26ft (8m)
	2.8 ~ 12mm (T) 896ft (273m) 358ft (109m) 180ft (55m) 89ft (27m)
FUNCTIONS	
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS 2.0
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection
Smart Analytics	Line crossing, region intrusion/entrance/exiting detection, loitering detection, illegal parking detection, abandoned/missing object detection, Target counting by line/intrusion area/heat map, exception detection, face detection and face capture
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
GENERAL	
Power Supply	DC12V / PoE (IEEE802.3af)
Power Consumption	<8W
Operating Environment	-22°F ~ 140°F (-30°C ~ 60°C) Humidity: less than 95% (non-condensing)
Storage Environment	-22°F ~ 149°F (-30°C ~ 65°C) Humidity: less than 95% (non-condensing)
Dimensions (in)	Ø 4.25 × 3.76
Weight (lb)	Approx. 1.47 lbs
Ingress Protection	IP 67
Certificate	CE, FCC
Installation	Ceiling mounting; Wall mounting
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH (EC1907/2006)



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