AVC-ENN81FT/2.8
8MP H.265 HD AI TURRET NETWORK CAMERA

8MP H.265 **HD AI TURRET NETWORK CAMERA**

8MP H.265 HD AI TURRET NETWORK CAMERA WITH SMART FEATURES

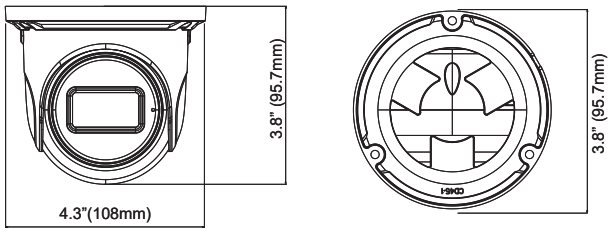
The AVC-ENN81FT2.8 camera is a 8MP H.265 HD AI Turret Network Camera with Smart Analytic features. This 8MP camera supports True Day/Night mode, PoE, Smart IR Illumination up to 98ft. This camera includes a Fixed 2.8mm Lens. Also supports 3D Digital NR, ROI, HLC, WDR, and BLC capabilities along with IP67 outdoor rating. Optional accessories for this camera includes a Junction Box Mount and a Wall Mount.

FUNCTIONS

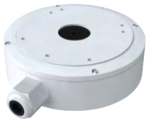
- · H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
- · Max. Resolution: 8MP (3840 x 2160)
- · ICR auto switch, True Day/Night vision
- · IR Illumination up to 98ft
- · 3D DNR, True WDR, HLC,BLC, Defog, Smart IR and ROI encoding
- · Support electronic image stabilization
- · Built-in micro Sd card slot, up to 256GB
- · 1CH Audio Input; 1CH built-in MIC
- · DC12V / PoE power supply
- · IP67 Ingress Protection
- · Support Three Streams
- · Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- · Intelligent Analytics
- · NDAA Compliant

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES



AVM-EDMTS-W-TL1

AVM-EWMTS-W-TL1

AVM-EDMTS-G-TL1

AVM-EWMTS-G-TL1

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SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Image Size	3840×2160
Shutter Speed	1/3s to 1/100,000s
Iris Type	Fixed Iris
Min. Illumination	Color: 0.02 lux @ F1.6(AGC ON); BW: 0 lux with IR
IR Distance	Up to 98ft
Lens	Fixed 2.8 mm @ F1.6 Horizontal FoV: 104° Vertical FoV: 55° Diagonal FoV: 125°
Focus	Fixed
Lens Mount	M12
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°~75° ; Rotation:0°~360
VIDEO IMAGE	
Video Compression	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
2.8mm	272ft (83m)	108ft (33m)	56ft (17m)	26ft (8m)

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	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
GENERAL	
Power Supply	DC12V / PoE (IEEE802.3af)
Power Consumption	<9W
Operating Environment	-30°C ~ 60°C (-22°F ~ 140°F) Humidity: less than 95% (non-condensing)
Storage Environment	-30°C ~ 65°C (-22°F ~ 149°F) Humidity: less than 95% (non-condensing)
Dimensions (in)	Ø 3.72 × 3.25
Weight (lb)	Approx. 1.01 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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