

**AVC-ENN41FT/2.8-G**  
**4MP H.265 NETWORK IR EYEBALL CAMERA**



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The AVC-ENN41FT/2.8-G is our 4MP Network IR Eyeball Camera with a 2.8mm fixed 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-ENN41FT/2.8-G 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..

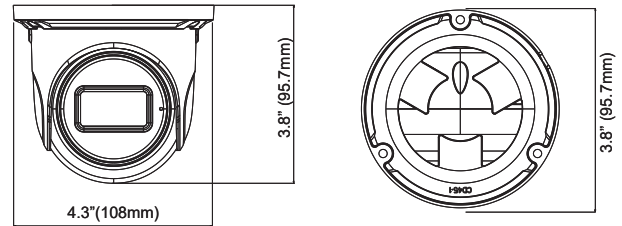


**FUNCTIONS**

- H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
- Max. Resolution: 4MP (2592 x 1520)
- 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 image distortion correction
- Built-in micro Sd card slot, up to 256GB
- Audio Input and Built-in Microphone
- 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-G-TL1



AVM-EWMTS-G-TL1

# AVC-ENH41FT/2.8-G

## 4MP H.265 NETWORK EYEBALL CAMERA

### SPECIFICATIONS

CAMERA											
Image Sensor	1/3" Progressive Scan CMOS										
Image Size	2592 x 1520										
Shutter Speed	1/2s to 1/100,000s										
Iris Type	Fixed Iris										
IR Distance	Up to 98ft										
Lens	Fixed 2.8 - 12 mm @ F1.6 Horizontal FoV: 95.3° Vertical FoV: 53.2° Diagonal FoV: 100.7°										
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										
Angle Adjustment	Pan: 0°~360° ; Tilt: 0°~90° ; 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	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: 4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 4MP/2K/3MP/1080P/720P (1~25fps); HFR mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps)										
Sub Stream	60Hz: 720P/D1/CIF/VGA (1~30fps); 50Hz: 720P/D1/CIF/VGA (1~25fps)										
Third Stream	60Hz: D1/480x240/CIF (1~30fps); 50Hz: D1/480x240/CIF (1~25fps)										
Video Bit Rate	64 Kbps ~ 8 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 build-in MIC										
Audio Compression	G711A / U										
Alarm	No										
Hardware Reset	Yes										
DORI DISTANCE											
	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8mm</td> <td>199.11ft (60.69m)</td> <td>79.65ft (24.28m)</td> <td>39.82ft (12.14m)</td> <td>19.91ft (6.07m)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8mm	199.11ft (60.69m)	79.65ft (24.28m)	39.82ft (12.14m)	19.91ft (6.07m)
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2.8mm	199.11ft (60.69m)	79.65ft (24.28m)	39.82ft (12.14m)	19.91ft (6.07m)							
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	<6.5W										
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. 1.06 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)										



# AVYCON<sup>®</sup>

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phone: 949-752-7606

email: info@avycon.com

social: @avycon\_aivo

website: avycon.com