



## 4MP H.265 NETWORK IR EYEBALL CAMERA

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The AVC-EHN41FT/2.8 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-EHN41FT/2.8 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.

■ Grey Available:  
AVC-EHN41FT/2.8-G

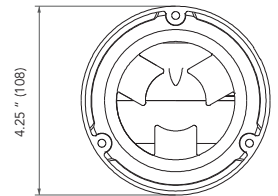
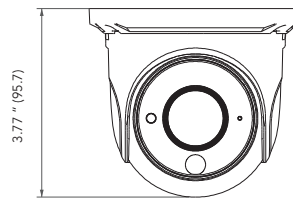


## FUNCTIONS

- H.265 Main Profile Video Compression Technology
- 4MP (2592 x 1520) H.265 Full Real Time Coding
- Max. Resolution: 2592 x 1520
- ICR Auto Switch
- True Day / Night
- Up to 100ft. Night Time Distance
- 3D DNR, Digital WDR
- Fixed 2.8mm Lens (100.4° FOV)
- ROI Coding
- Audio Input and Built-in Microphone
- Supports microSD slot for Edge/local recording
- Supports Smartphone, iPad, Remote Monitoring
- IP67 Ingress Protection
- Support Three Streams
- DC12V / PoE (<7.5W)

## DIMENSIONS

Unit : inch (mm)



## OPTIONAL ACCESSORIES



AVM-EDMTS-W-TL1



AVM-EWMTS-W-TL1



AVM-EDMTS-G-TL1

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**SPECIFICATIONS**

<b>CAMERA</b>	
Image Sensor	1/3" Progressive Scan CMOS
Resolution	4MP
Image Size	2592 x 1520
Electronic Shutter	1/30s to 1/100,000s
Iris Type	DC Iris
IR Distance	Up to 100ft.
Min. Illumination	Color: 0.05 lux@F1.2, AGC ON;B/W: 0lux with IR
Lens	2.8mm MP Fixed Lens
Lens Mount	M12 Mount
Wide Dynamic Range	True WDR (120 dB)
Digital NR	Yes (3D DNR)
Backlight Compensation (BLC)	Yes
Day and Night	True
Defog	Yes
HLC	Yes
Sharpness	Yes
Language	Support for 12 Different Languages
<b>VIDEO STREAM</b>	
Max. Image Resolution	2592 x 1520
Primary Stream	4MP / 2K / 3MP / 1080P / (30fps)
Secondary Stream	720P / D1 / CIF (30fps)
Tertiary Stream	D1/480x240/CIF:30fps
Video Compression	H.265 MP; H.264 BL/ MP/ HP; MJPEG
Video Bit Rate	64 Kbps~8 Mbps (CBR / VBR Adjustable)
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, WDR, Sharpness, etc.
<b>NETWORK</b>	
Ethernet	1 x RJ45
Network Storage	Network Remote Storage
Remote Monitoring	Web Browser Interface, AVYCON CVMS / CVMS 2.0, Mobile App
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
<b>AUDIO</b>	
Audio Compression	G711A / U
Audio I/O	1/0 (Built-in Microphone)
<b>SYSTEM</b>	
Alarm	0/0
Local Storage	Built-in Micro SD Card Slot; Up to 128 GB
Advanced Function	Video Masking, Non-Photosensitive Switch, Watermarking, IP Address Filtering, Image Distortion Correction, Heartbeat Tracking
Smart Alarm	Motion detection, SD card error, SD card full
Video Analytics	Region Entrance, Region Exit, Intrusion Detection, Line Crossing Detection, Human Counting, Vehicle Counting, Human Tracking, Face Capture, Face Detection, Heat Map, Crowd Density Detection, Video Tampering Detection, Scene Change Detection, Abandoned Object Detection, Missing Object Detection
<b>GENERAL</b>	
Supported Protocols	ONVIF Profiles S, G, and T
Input Voltage	DC12V/PoE
Power Consumption	<7.5W
Hardware Reset	Yes
Ingress Protection	IP67
Housing Protection	N/A
Working Environment	-22°~140° F (-30°~60° C)
Working Humidity	10% ~ 90% Relative Humidity
Weight	1.03 lbs
Dimensions	4.25" x 3.77" (108mm x 95.7mm)



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