AVYCON®

AVC-EHN41FT AI

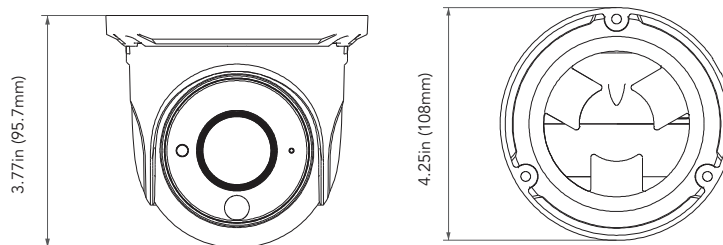NDAA COMPLIANT | CE | FC

4MP H.265 NETWORK IR EYEBALL CAMERA
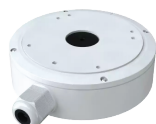
OVERVIEW

· 4MP H.265 Real Time Encoding
· Maximum Resolution: 2592 x 1520
· Fixed 2.8mm Lens
· Smart IR Illumination Up to 98ft .
· True Day / Night
· Hardware Reset
· Built-in micro SD card slot with video
and still image capture function (up to 256GB)
· Supports Three Streams
· NAT/P2P Function Optional
· Video Analytics: Line Crossing, Heat Map,
People / Car Counting, Facial Detection, etc.
· Supports Remote Monitoring by Smart Phones
& Tablet PCs with iOS and Android OS
· IP67 Outdoor Rating
· IK10 Ingress Protection
· DC12V / PoE (802.3af) <7W
· NDAA Compliant

DIMENSIONS

Unit : inch(mm)

3.77in (95.7mm)

4.25in (108mm)

OPTIONAL ACCESSORIES

AVM-EDMTS-W-TL1   AVM-EWMTS-W-TL1

AVYCON   www.avycon.com

SPECIFICATIONS

CAMERA	
Image Sensor	1/3" Progressive Scan CMOS
Resolution	4MP
Image Size	2592 x 1520
Electronic Shutter	1/30s to 1/100,000s
Iris Type	Fixed Iris
IR Distance	Up to 100ft.
Min. Illumination	0.05 lux@F1.6, AGC ON;B/W: 0lux with IR ON
Lens	Fixed .1" (2.8mm) Lens @F1.6; Horizontal Field of View: 100.4°
Lens Mount	M12
Angle Adjustment	Pan: 0°~355°, Tilt: 0°~67°, Rotation: 0°~355°
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 1520
Primary Stream	(2592 x 1520): 30fps / (2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720): 30fps / HFR Mode: (1920 x 1080, 1280 x 720): 60fps
Secondary Stream	(1280 x 720, 720 x 480, 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~8 Mbps (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, 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

AUDIO	
Audio Compression	G711A / U
Audio I/O	1CH audio input; 1CH built-in MIC

SYSTEM	
Alarm	1/1
Local Storage	Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
Advanced Function	Video Masking, Non-Photosensitive Switch, Watermarking, IP Address Filtering, Image Distortion Correction, Heartbeat Tracking
Event Trigger	Motion Detection, IP Address Conflict, Cable Disconnection
Event Action	Password Protection, 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

GENERAL	
Supported Protocols	ONVIF Profiles S, G, and T
Input Voltage	DC 12V (±10%) / PoE(802.3af)
Power Consumption	<7W
Hardware Reset	Yes
Ingress Protection	IP67
Housing Protection	IK10
Working Environment	-22°~140° F (-30°~60° C)
Working Humidity	<95% (Non-Condensing)
Weight	1.4 lbs
Dimensions	4.69" x 3.44" (119.0mm x 87.4mm)