

# AVC-EHN81FT

## 4K H.265 WATERPROOF FIXED EYEBALL IP CAMERA



## 4K H.265 WATERPROOF FIXED EYEBALL IP CAMERA

4K H.265 WATERPROOF FIXED EYEBALL IP CAMERA WITH ADVANCED VIDEO ANALYTICS

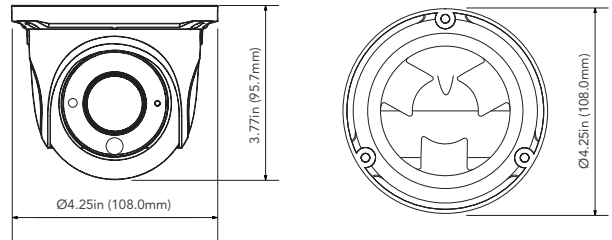
The AVC-EHN81FT is a 4K H.265 Waterproof Eyeball IP Camera with a fixed 2.8mm lens and featuring our newest generation of video analytics. This camera has up to 98 ft. of Smart IR Illumination, supports True Day/Night mode, supports True WDR capabilities, and also includes a microSD memory card slot of up to 128GB for standalone recording applications. The AVC-EHN81FT has durable water-proof protection with an IP67 outdoor rating. Features of the Integrated Video Analytics (Optional) on this model include 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
- Fixed 2.8mm Lens
- Smart IR Illumination Up to 98ft.
- True Day/Night ICR Auto Switch
- 3D DNR, Digital WDR, ROI Coding, HLC & BLC
- Supports Defogging
- Supports Three Streams
- ICR Filter Change Function
- Supports Local CVBS Video Output and One-Way
- Audio Smart Analytics (Optional): 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) <6W

## DIMENSIONS

Unit : inch (mm)



## OPTIONAL ACCESSORIES



AVM-EDMTS-W-TL1



AVM-EWMT-W-TL1

# AVC-EHN81FT

## 4K H.265 WATERPROOF FIXED EYEBALL IP CAMERA

### SPECIFICATIONS

CAMERA	
Image Sensor	1/2.5" Progressive Scan CMOS
Resolution	8.4MP
Image Size	3840 x 2160
Electronic Shutter	1/25s to 1/100,000s
Iris Type	Fixed Iris
IR Distance	Up to 98ft. (30m)
Min. Illumination	0.024lux @F1.2 (AGC ON), 0Lux with IR ON
Lens	Fixed 0.1"(2.8mm) Lens @F1.6
Field of View	Horizontal Field of View: 87.7°
Lens Mount	M12
Angle Adjustment	Pan: 0°~360°, Tilt: 0°~75°, Rotation: 0°~360°
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	3840 x 2160
Primary Stream	(3840 x 2160): 30fps (3840 x 2160, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720): 30fps (60Hz) (3840 x 2160, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720): 25fps (50Hz)
Secondary Stream	(1920 x 1080, 1280 x 720, 704 x 480): 30fps
Tertiary Stream	(1280 x 720, 704 x 480, 480 x 240): 30fps
Video Compression	H.265 / H.264 / MP / HP / MJPEG
Video Bit Rate	128 Kbps~16Mbps (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
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	1-Way; 1(Mic-in)
SYSTEM	
Alarm I/O	N/A
Local Storage	Built-in Micro SD Card Slot; Up to 128 GB
Smart Alarm	Motion Alarm
PoE	Yes
GENERAL	
Supported Protocols	ONVIF Profiles S and G
Input Voltage	DC 12V(±10%) / PoE(802.3af)
Power Consumption	<6W
Ingress Protection	IP67
Working Environment	-22°~140° F (-30°~60° Celcius)
Working Humidity	<95% (Non-Condensing)
Weight	1.0lbs
Dimensions	Ø4.25" x 3.77" (Ø108.0mm x 95.7mm)



# AVYCON<sup>®</sup>

Copyright © AVYCON. All rights reserved. Specifications and pricing are subject to change without notice.

phone: 949-752-7606

email: info@avycon.com

social: @avycon\_aivo

website: avycon.com