# AVC-EHN41FT
## 4MP H.265 NETWORK IR EYEBALL CAMERA

Grey Available:
AVC-EHN41FT-G

**4MP** Resolution | AI | True D&N | True WDR | PoE | **MicroSD** Edge REC

## 4MP H.265 NETWORK IR EYEBALL CAMERA
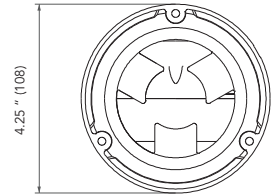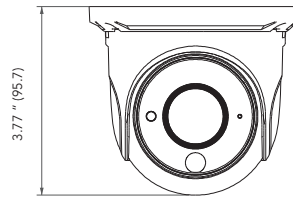
*4MP H.265 NETWORK IR EYEBALL CAMERA*

The AVC-EHN41FT is our 4MP Network IR Eyeball Camera with a 3.6mm 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 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 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 3.6mm Lens (80.6° 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)

3.77 " (95.7)

4.25 " (108)

## OPTIONAL ACCESSORIES

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

## 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 | DC Iris |
| IR Distance | Up to 100ft. |
| Min. Illumination | Color: 0.05 lux@F1.2, AGC ON;B/W: 0lux with IR |
| Lens | 3.6mm MP Fixed Lens (80.6° FOV) |
| 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 |

| VIDEO STREAM | |
| --- | --- |
| 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. |

| NETWORK | |
| --- | --- |
| 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 |

| AUDIO | |
| --- | --- |
| Audio Compression | G711A / U |
| Audio I/O | 1/0 (Built-in Microphone) |

| SYSTEM | |
| --- | --- |
| 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 |

| GENERAL | |
| --- | --- |
| 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 ) |

## AVYCON®