



AVC-KNN41FT/2.8 AI

NDAA COMPLIANT | CE | FC

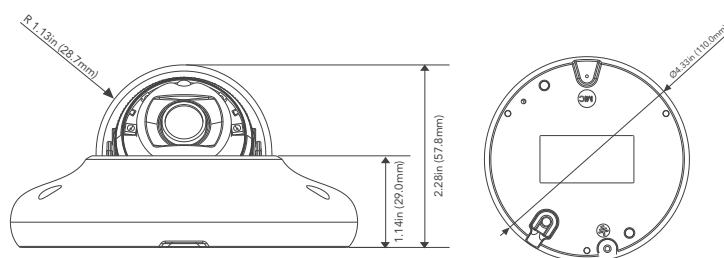
4MP H.265 NETWORK IR DOME CAMERA

OVERVIEW

- H.265 Main Profile Video Compression
- Maximum Resolution: 2592 x 1520
- 4MP (2592 x 1520) Full Real Time Coding
- Smart IR Illumination Up to 33ft.
- True Day/Night ICR Auto Switch
- 3D DNR, True WDR, HLC & BLC
- Supports Defog
- Supports ROI Encoding
- Smart Alarm with Motion Features
- Supports Local CVBS Video Output / Analog Video Output
- Built-in micro SD card slot with video and still image capture function (up to 256GB)
- Supports Triple Streams
- P2P Remote Connection Function
- Supports Monitoring by Smart Phones, iPad, and Remote Monitoring
- DC12V ($\pm 10\%$) / PoE (802.3af) <3.5W (IR ON)
- NDAA Compliant
- UL-listed

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-EWMTS-W-TL1
WALL MOUNT

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 | | | | |
| Min. Illumination | Color: 0.005 lux @ F1.6(AGC ON); BW: 0 lux with IR | | | | |
| IR Distance | Up to 65ft | | | | |
| Lens | Fixed 2.8mm @ 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°~70° ; Rotation:0°~350° | | | | |
| 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); HFT mode: 1080P/720P (60Hz : 1~30fps; 50Hz: 1~25fps) | | | | |
| 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) | | | | |
| 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 | Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function | | | | |
| Video Output | No | | | | |
| Audio | 1CH audio input; 1CH build-in MIC | | | | |
| Audio Compression | G711A / U | | | | |
| Alarm | No | | | | |
| Hardware Reset | Yes | | | | |
| DORI DISTANCE | | | | | |
| | Lens | Detect | Observe | Recognize | Identify |
| | 2.8mm | 199.11ft (60.69m) | 97.65ft (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, loitering detection, illegal parking detection, abandoned/missing object detection, Target counting human/motor vehicle/non-motor vehicle by Line crossing, 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 | D12V/POE(IEEE802.3af) | | | | |
| Power Consumption | <6W | | | | |
| 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 4.33 × 2.35 | | | | |
| Weight (lb) | Approx. 0.83 lbs | | | | |
| Ingress Protection | IP66 | | | | |
| Certificate | CE, FCC, UL | | | | |
| Installation | Ceiling mounting; Wall mounting | | | | |
| Environmental Protection | Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006) | | | | |
| Color / Material | White / Plastic | | | | |