













4MP H.265 NETWORK IR EYEBALL CAMERA

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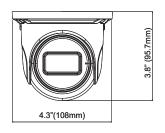
The AVC-ENN41FT/2.8 is our 4MP Network IR Eyeball Camera with a 2.8mm fixed lens and featuring our newest generation of video analytics. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for standalone recording applications. The AVC-ENN41FT/2.8 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..

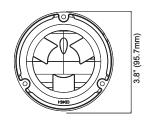
FUNCTIONS

- · H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
- · Max. Resolution: 4MP (2592 x 1520)
- · ICR auto switch, True Day/Night vision
- · IR Illumination up to 98ft
- · 3D DNR, True WDR, HLC,BLC, Defog, Smart IR and ROI encoding
- · Support image distortion correction
- · Built-in micro Sd card slot, up to 256GB
- · · Audio Input and Built-in Microphone
- DC12V / PoE power supply
- · IP67 Ingress Protection
- · Support Three Streams
- · Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- · Intelligent Analytics
- · NDAA Compliant

DIMENSIONS

Unit: inch (mm)





OPTIONAL ACCESSORIES







AVM-EWMTS-W-TL1



AVM-EDMTS-G-TL1



AVM-EWMTS-G-TL1

SPECIFICATIONS

Image Senso 1/3* Progressive San CMOS Image Sez 257 x 1500 Shotter Speed 1/2 to 1/10000006 IR Detainer Unit visit Lens Fixed 2.8 - 12 mm @ PL 6 Horizontal FoV: 95.3* Vertical FeV: 53.2* Diagonal FoV: 100.7* Lens Fixed 2.8 - 12 mm @ PL 6 Horizontal FoV: 95.3* Vertical FeV: 53.2* Diagonal FoV: 100.7* Lens Fixed 2.8 - 12 mm @ PL 6 Horizontal FoV: 95.3* Vertical FeV: 53.2* Diagonal FoV: 100.7* Lens Fixed 2.8 - 12 mm @ PL 6 Horizontal FoV: 95.3* Vertical FeV: 53.2* Diagonal FoV: 100.7* Lens Fixed 2.8 - 12 mm @ PL 6 Horizontal FoV: 95.3* Vertical FeV: 53.2* Diagonal FoV: 100.7* Wide Opmore Range 1 20dB Digital RR 30 DNR Backlight Compensation (BLC) Visit Compensation	CAMERA	
Image Size 2592 x 1520		1/3" Progressive Scan CMOS
Institute		
IR Distance	Shutter Speed	1/2s to 1/100,000s
Lens Hosed 28 - 12 mm @ P1.6 Horizontal FoV: 95.3" Vertical FoV: 53.2" Diagonal FoV: 100.7" Focus Fixed Loss Mount M12 Loss Mount M2 Loss Mount M2 Loss Mount M2 Digital M3 DD NR Backlight Compensation (BLC) Yes Highlight Compensation (BLC) Yes Highlight Compensation (BLC) Yes Highlight Compensation (BLC) Yes Angles Fixed 250.88 Angles Fixed 250	Iris Type	Fixed Iris
First Firs		
Lens Mount M12 Day & Night ICR Wide Dynamic Range 120dB Digital NR 3 D NR Backlight Compensation (R)C Ves Service Adjustment Part (Part of Part of Pa	Lens	Fixed 2.8 - 12 mm @ F1.6 Horizontal FoV: 95.3° Vertical FoV: 53.2° Diagonal FoV: 100.7°
Day & Night ICR Wide Dynamic Range 120dB Backlight Compensation (BLC) Ves Backlight Compensation (BLC) Ves Backlight Compensation (BLC) Ves Backlight Compensation (BLC) Ves Support		
Wide Dynamic Range 1206B Diptal NR 3 D DNR Backlight Compensation (BLC) Ves Dorlog Ves Shift Rate Sold Ves Angle Adjustment Part 0"-360"; Titlt 0"-90"; Rotation:0"-360" H.264 Compression (BLC) Ves	Lens Mount	M12
Digital NR 30 DNR Backlight Compensation (HLC) Yes Highlight Compensation (HLC) Yes S/N Ratio > 300d S/N Ratio S/N R	Day & Night	ICR
Backlight Compensation (BLC) Yes	Wide Dynamic Range	120dB
Highlight Compensation (HLC) Yes	Digital NR	3D DNR
Highlight Compensation (HLC) Yes	Backlight Compensation (BLC)	Yes
Defog Yes S/N Ratio 590d8 Angle Adjustment Pan: 0°-360°; Tilt: 0°-90°; Rotation:0°-360° VIDEO IMAGE VIDEO IMAGE VIDEO Compression Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.264 / M.JPEG H.264 Compression Standard Baseline Profile Main Profile Profile Resolution 4MP [2597-x1520], 28r (2560-x140), 3MP (2304-1296), 10800 (1920-1080), 720° (1280-x20), D1, CIF, 480 × 240, VGA (640-480) Main Stream 6MF (240-x1520), 28r (2560-x140), 3MP (2304-1296), 10800 (1920-1080), 720° (1280-x20), D1, CIF, 480 × 240, VGA (640-480) Main Stream 6MF (240-x160-x160), 28r (250-x160), 3MP (2304-1296), 10800 (1920-1080), 720° (1280-x20), D1, CIF, 480 × 240, VGA (640-480) Main Stream 6MF (240-x160-x160), 28r (240-x160-x160), 10800 (1920-1080), 720° (1280-x20), D1, CIF, 480 × 240, VGA (640-480) Main Stream 6MF (240-x160-x160), 28r (240-x160-x160), 10800 (1920-1080), 720° (1280-x20), D1, CIF, 480 × 240, VGA (640-480) Main Stream 6MF (240-x160-x160), 10800 (1920-x160), 10800 (1920-x160)		
Angle Adjustment Part 0"-260"; Riotation.0"-300" VIDEO IMAGE Video Compression H.264 Compression Standard Basine Profile Man Profile Filiph Profile Resolution Main Stream (MP (2592*1520), 2X (2560*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1280*720), D1, CIF, 480 × 240, VGA (640×480) Main Stream More 1080P7/20P (60Hz; 1-60lps; 50Hz; 1-50lps) Sub Stream More 1080P7/20P (60Hz; 1-60lps; 50Hz; 1-50lps) Sub Stream More 1080P7/20P (60Hz; 1-60lps; 50Hz; 1-50lps) More 1080P7/20P (60Hz; 1-60lps; 50Hz;	Defog	Yes
Video Compression H.264 Compression Standard Baseline Profile/Main Profile/High Profile Resolution 4MP (2592*1520; X (2505*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1280*720), D1, C1F, 480 × 240, VGA (640*480) Main Stream MP (2592*1520; X (2505*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1280*720), D1, C1F, 480 × 240, VGA (640*480) Main Stream MP (2592*1520; X (2505*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1280*720), D1, C1F, 480 × 240, VGA (640*480) Main Stream MP (2592*1520; X (2505*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1-25fps)) Sub Stream MP (2592*1520; X (2505*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1-25fps)) Wideo Bit Rate MP (2592*1520; X (2505*1440), 3MP (2304*1296), 1080P (1920*1080), 720P (1	S/N Ratio	≥50dB
Video Compression Main stream H.265+ / H.265 / H.264 / H.265 / H.265 / H.264 / H.265 / H.264 / H.265 / H.264 / H.265 / H.264 H.264 Compression Standard AMP (2592x1520), 2k (2560x1440), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720), D1, C1F, 480 x 240, VGA (640x480) Main Stream AMP (2592x1520), 2k (2560x1440), 3MP (2304x1296), 1080P (1920x1080), 720P (1-25fps); HER mode: 1080P/720P (60Hz; 1-60fps; 50Hz; 129DP)/C1F/VGA (1-25fps) HER mode: 1080P/720P (60Hz; 1-60fps; 50Hz; 129DP)/C1F/VGA (1-25fps) Method: 1080P/720P (1-25fps) Me	Angle Adjustment	Pan: 0°~360°; Tilt: 0°~90°; Rotation:0°~360°
Video Compression Main stream H.265+ / H.265 / H.264 / H.265 / H.265 / H.264 / H.265 / H.264 / H.265 / H.264 / H.265 / H.264 H.264 Compression Standard AMP (2592x1520), 2k (2560x1440), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720), D1, C1F, 480 x 240, VGA (640x480) Main Stream AMP (2592x1520), 2k (2560x1440), 3MP (2304x1296), 1080P (1920x1080), 720P (1-25fps); HER mode: 1080P/720P (60Hz; 1-60fps; 50Hz; 129DP)/C1F/VGA (1-25fps) HER mode: 1080P/720P (60Hz; 1-60fps; 50Hz; 129DP)/C1F/VGA (1-25fps) Method: 1080P/720P (1-25fps) Me	VIDEO IMAGE	
H.264 Compression Standard Resolution Main Stream Main Main Main Main Main Main Main Main		Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.264 / H.264 / MJPEG
Resolution 4MP (2592x 1520), 2K (2560x 1440), 3MP (2304x 1296), 1080P (1920x 1080), 720P (1280x 720), D1, CIF, 480 x 240, VGA (640x 480) Main Stream 6DHz 4MP/ZK3MP/AMP/AS0P/720P (1-30fps); 50Hz: 150fps) Sub Stream 6DHz 720P (1071cPVGA (1-30fps); 50Hz: 150fps) Third Stream 6DHz 720P (1071cPVGA (1-30fps); 50Hz: 150fps) Video Bit Rate 6DHz 720P (1-30fps); 50Hz: 20P (1-30fps); 50Hz: 20P (1-25fps) Video Bit Rate 6DHz 720P (1-30fps); 50Hz: 20P (1-30fps); 50Hz: 20P (1-25fps) Video Bit Rate 6DHz 720P (1-30fps); 50Hz: 20P (1-30fps); 50Hz: 20P (1-25fps) Video Bit Rate 6DHz 720P (1-30fps); 50Hz: 20P (1-30fps); 50Hz: 20P (1-25fps) Video Bit Rate 6DHz 720P (1-30fps); 50Hz: 20P (1-30fps); 50Hz: 20P (1-25fps) Video Bit Rate 6DHz 720P (1-30fps); 50Hz: 20P (1-30fps); 50Hz: 20P (1-25fps) Video Video Compress of Ware or web browser ROI Each ROI to be configured separately Network / Interface Protocol ONIF (Profile S, G, T, M) Web Browser 1 L1F, Plys In required J (250gole Chrome 89 0+ / Edge 89 0+ / Firefox 87 0+ / Safar 14.0+ Online Connection Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission Security Video encryption, Immare encryption, ITTPS encryption, Configuration encryption, illegal login lock, IP address filtering, 802 1x authentication, basic and digest authentication for HTTP/RTSP Video Output No Audio Compression Audio CH audio input; 1CH build-in MIC Audio Compression Ware Audio CH audio input; 1CH build-in MIC Audio Compression Ware Audio Molitor detection, 5D card error, 5D card full, IP address conflict, cable disconnection FIUNCTIONS Remote Monitoring Web Browser Interface, Mobile App, AVYCON CVMS 2.0 Motion detection, 5D card error, 5D card full, IP address conflict, cable disconnection GENERAL Power Supply, DC12V / Pof (EEE802 2a) Power Supply, DC12V / Pof (EEE802 2a) Power Consumption OV 42 5x 3.76 Weight (Ib) Approx. 1.06 lbs Ingress Protection IP 67 Certificate Ciling mounting; Wall mounting		
Main Stream 60Hz: 4MPZK/3MP/1080P/720P (1-30fps); 50Hz: 4MP/ZK/3MP/1080P/720P (1-25fps); HFR mode: 1080P/720P (6Ntz: 1-60fps; 50Hz: 120Fps) Sub Stream 60Hz: 270P/D1/CIF/XGA (1-30fps); 50Hz: 120Fp01/CIF/XGA (1-25fps) Third Stream 60Hz: D1480A20/CIF (1-30fps); 50Hz: 120Fp01/CIF/XGA (1-25fps) Video Bit Rate 64 Kbps - 8 Mbps (CBR /VBR Adjustable) Image Settings RO), 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 / INTERPACE Network 1 x RJ45 10M / 100M Self-Adaptive Ethernet port Network 1 x RJ45 10M / 100M Self-Adaptive Ethernet port Network Protocol ONNIF (Profile S, G, T, M) Web Browser IEI1 (Pluja-in required) / Google Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+ Online Connection Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission Security Video encryption, firmware encryption, HTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and dioest authentication for HTTP/RTS Video Comprise Side Novok remote Storage, micro SD card atorage (256GB) Video Comprise Side Novok remote SD card atorage (256GB) Video Comprise Side Novok remote SD card atorage (256GB) Video Metadata No Hardware Reset Ves DORI DISTANCE Lans Detect Counting by Inferior SD card full, IP address conflict, cable disconnection Web Browser interface, Mobile App, AVYCON CVMS 2.0 Smart Analytics General Function Wetermark, video mask, heartheat, image distortion correction, corridor pattern General Function Wetermark, video mask, heartheat, image distortion correction, corridor pattern General Function Video Metadata Power Supply DC12Y / PoE (IEEE802.3af) Power Consumption PoE / CE-C Installation Celling mounting Wall mounting		
Sub Stream 60Hz: 2/20P/DI/CIFVACA (1-30fps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Third Stream 60Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 74Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Control Con		60Hz: 4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 4MP/2K/3MP/1080P/720P (1~25fps);
Sub Stream 60Hz: 2/20P/DI/CIFVACA (1-30fps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Third Stream 60Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 61Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Bit Rate 74Hz: D1/480c240/CIF (1-30bps); 50Hz: 72DP/DI/CIFVACA (1-25fps) Video Control Con		
Video Bit Rate 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 / INTERPACE Network 1 x RJ45 10M / 100M Self-Adaptive Etheret port Network Protocol Interface Protocol	Sub Stream	60Hz: 720P/D1/CIF/VGA (1~30fps); 50Hz: 720P/D1/CIF/VGA (1~25fps)
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 Protocol Network Protocol Interface Protocol ONVIF (Profile S, G, T, M) Web Browser Online Cometton Security Video Output Note Network Protocol ONVIF (Profile S, G, T, M) Web Browser IET1 (Plug-in required) / Google Chrome 89.0+ / Eriefox 87.0+ / Safari 14.0+ Used as 4.0+ Used Browser Online Cometton Security Video Output Note on Cryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 80.2.1x authentication, basic and digest authentication for HTTP/RTSP Wideo Output Note of Chryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 80.2.1x authentication, basic and digest authentication for HTTP/RTSP Wideo Output Note of Chryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 80.2.1x authentication, basic and digest authentication for HTTP/RTSP Wideo Output Note of Chryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 80.2.1x authentication input; 1CH build-in MIC Audio Compression GT11A / U Audio Compression GT11A / U Audio Compression GT11A / U Audio Input; 1CH build-in MIC Audio Compression GT11A / U Web Browser Interface, Mobile App, AVYCON CVMS 2.0 Motor detection, 10 card error, 5D card full, IP address conflict, cable disconnection Line crossing, region inrusion/entrance/exiting detection, lilegal parking detection, abandoned/missing object detection, grean inrusions are almost an app. exception detection, face detection and face capture Simultaneously captures human body, motor vehicle feature and 1 non-motor vehicle feature General Function GENERAL Power Supply DC12V / PoE (IEEB02.3af) Power Consumption Certificate School Confidence of the prov	Third Stream	60Hz: D1/480x240/CIF (1~30fps); 50Hz: D1/480x240/CIF (1~25fps)
software or web browser ROI Each ROI to be configured separately NETWORK / INTERFACE Network Protocol UPP, IPP4, IPP6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPP6E, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, Qo Interface Protocol ONIVE (Profile S, G, T, M) Web Browser IESTI (Plug-in required) / Google Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+ Online Connection Security Video encryption, immware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication of HTTP/RTSP Storage Network remote storage; micro SD card storage (256GB) Video Output No Audio 1CH audio input; 1CH build-in MIC Audio Compression G711A/1U Alarm No Hardware Resex Yes DORI DISTANCE Lens Smart Alarlytic Smart Alarlytic Video Metadata Video Metadata Video Metadata Video Metadata General Function GENERAL Power Supply DC12V / PoE (IEEE80.2.3a) Power Consumption Operating Environment 22°F > 140°F (30°C ~ 60°C) Humidity: less than 95% (non-condensing) Dimensions (in) 0 4.25 × 3.76 Weight (b) Approx 1.05 lbs Installation Celling mounting; Wall mounting Installation Celling mounting; Wall mounting Installation Celling mounting; Wall mounting Wall mounting Cellification Celling mounting; Wall mounting		
Network / INTERFACE	Image Settings	
NETWORK / INTERFACE Network Ne		software or web browser
NETWORK / INTERFACE Network Ne	ROI	Each ROI to be configured separately
Network Protocol UDP, IPA, IPA, GDMC, NTP, RTSP, RTP, RTMP, RTCP, PPPGE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, Qo Interface Protocol UDP, IPA, IPA, GDMC, NTP, RTSP, RTNP, RTCP, PPPGE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, Qo Interface Protocol UDP, IPA, IPA, IPA, IPA, IPA, IPA, IPA, IP		3 1 7
Network Protocol Interface Protocol Interface Protocol ONUF (Profile S, G, T, M) Web Browser Online Connection Security Storage Video Output Audio Compression Audio Compression Alam No Hardware Reset DORI DISTANCE TUNCTIONS Remote Monitoring Smart Alam Other Consumption Smart No Distance Video Metadata Video Metadata Video Metadata Video Metadata Feneral Function GENERAL Power Supply Power Consumption Operating Environment Operating		1. DIAS 10M / 100M Calf Advertice Ethoracture
Interface Protocol ONVIF (Profile S, G, T, M)		
Web Browser E11 (Plug-in required) / Google Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+		
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