AVC-TCE51F28

5MP H.265 INFINITECOLOR TURRET CAMERA







FUNCTIONS

- · 5MP (2592 x 1944) @ 20fps
- · Max. Resolution: 2592 x 1944
- · Supports Smart H.265/H.264 Encoding
- · True Day & Night ICR
- · Up to 98 ft. IR Illumination
- · Fixed 2.8mm Lens
- · 2D DNR, True WDR, HLC, BLC and ROI Encoding
- · Supports Dual-Streams
- · Supports Remote Access with Windows, macOS, iOS and Android
- · Operating Temperature: -22°F 122°F
- · DC12V / PoE (802.3af, ≤6W)
- · Built-in MIC
- · Built-in MicroSD Card Slot
- · Built-in Reset Button
- · NDAA Compliant

OPTIONAL ACCESORIES















AVM-POM-A1 POLE MOUNT



AVM-CWM-EV-S1 WALL MOUNT

AVM-HWM-E-S1 WALL MOUNT WITH IUNCTION BOX

AVM-HCM-E-S1 CEILING MOUNT WITH IUNCTION BOX

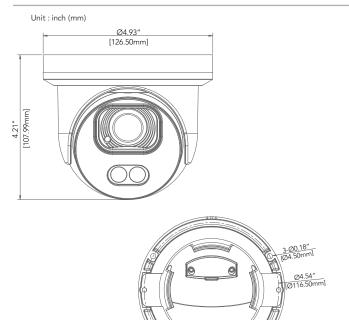
AVM-CRM-A1 CORNER MOUNT

5MP H.265 INFINITECOLOR TURRET CAMERA

5MP H.265 INFINITECOLOR TURRET CAMERA

The AVYCON AVC-TCE51F28 camera is a 5MP H.265 Fixed Lens Turret Camera. This 5MP IP camera supports True Day and Night mode, PoE, and up to 98ft. of Smart IR Illumination. It also incorporates AVYCON's InfiniteColor technology with the supplementation of a white floodlight, allowing videos to be viewed in color even in complete darkness. This camera includes a Fixed 2.8mm Lens. Also standard with this series is Digital NR, ROI, HLC, True WDR, and BLC capabilities. Optional accessories for this camera include a Junction Box Mount. Includes a MicroSD memory card slot for standalone recording applications.

DIMENSIONS



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SPECIFICATIONS

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CAMERA Image Senser 12.7* Progressive CMOS Resolution 2592 × 1944(5MP) Min. Illumination Color. OSLux @ F1.0 (AGC ON); BW: Olux w/ IR ON Min. Object Distance 71. (2m) IR Distance 10 & 958, (30m) LenstProtal Length 2.8mm Field Of Wew Horizontal: 109.7*, Vertical: 57.6*, Diagonal: 131.0° Shutter Speed 1/55 ~ 1/20.000s Lenst Type Fixed Lens VIDEO Main Stream Supported Resolution 2592 × 1944, 200 x 1280, 1280 × 960, 1280 x 720, 640 x 480, 320 x 240 @ 25/30fps Main Stream 540°, 400, 200 A Main Stream 540°, 400, 200 A ViDeO Main Stream Supported Resolution 2592 × 1944, 200 rs Supported Resolution 2592 × 1944, 200 rs Main Stream 540°, 400, 200 A Mobile Stream 720°, VGA, 200 A Wide Ormpression H2.65 / H.264 Video Compression H2.65 / H.264 WarmLight 2 2 Day & Night Ext / Color / B/W WarmLight 2 2 Day & Night Ext / Color / B/W Wide Dynamic Range
Resolution 2592 * 1944[SMP] Min. Object Distance 7.ft. (2m) IR: Distance Up to 28m, 8F1.0 (AGC ON); BW: Olux w/ IR ON IR: Distance Up to 98ft. (30m) Lens/Focal Length 2.8mm Field of Users 1.20006 UDSO Shutter Speed Max. Image Resolution 2592 * 1944.9 20(ps Main Stream Supported Resolutions Supported Resolutions 2592 * 1944.9 20(ps Main Stream XMP, VAMP, 1080P, 960P, 720P Substam YGA, QVGA Wide Stream YGA, QVGA Video Compression H.265 / H.264 Wide Dist Rate 128 Kbps - 8 Mbps (CBR / VBR Adjustable) Max. Framearts SMP/AMP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/AMP/3MP/2MP/960P/720P/VGA/QVGA IMAGE IR LED Warmlight 2 Day & Night Ext / Color / B/W Wide Dynamic Range True WDR Ding Kingt Kat / C
Min. Illumination Color: 0.05lika @ F1.0 (AGC ON); BW: 0lux w/ IR ON Min. Object Distance Up to 98f. (30m) I.Robitance Up to 98f. (30m) Lens/Focal Length 2.8mm Field of View Horizontal:109.7°, Vertical:57.6°, Diagonal:131.0° Shutter Speed 1/5s ~ 1/20.000s Lens Type Field of View VIDEO 592 × 1944 @ 20fps Supported Resolution 2592 × 1944, 2304 × 1296, 1920 × 1080, 1280 × 720, 640 x 480, 320 x 240 @ 25/30fps Main Stream SNP, VGA, QVGA Mobile Stream 720P, VGA, QVGA Video Compression H.265 / H.264 WarmLight 2 Max. Framerate 50Hz: 20fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA MAGE 70Hz: 20fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA Max. Framerate 50Hz: 20fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA WarmLight 2 Day & Night Ex/ Color / B/W Wide Dupamic Range T
Min. Object Distance 7ft. (2m) IR Distance Up to 98ft. (30m) Lens/Focal Length 2.8mm Field of View Horizontal:109.7°, Vertical:57.6°, Diagonal:131.0° Shutter Speed 1/5x W1DE0 Fixed Lens Max. Image Resolution 2592 × 1944. d20fps Max. Image Resolution 2592 × 1944. d204 / 220ps Supported Resolution 2592 × 1944. d204 / 220ps Main Stream SMP, 4MP, 3MP, 1080P, 900P, 720P Sub Stream 70P, VGA, QVGA Mobile Stream VGA, QVGA Video Compression H.265 / H.264 Video Compression 128 Kbps ~ 8 Mbps (CBR / VBR Adjustable) Max. Framerate Soltz: 20fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA Max.
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Mobile Stream VGA, QVGA Video Compression H.265 / H.264 Video Bit Rate 128 Kbps - 8 Mbps (CBR / VBR Adjustable) Max. Framerate 50Hz: 20fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA IMAGE IMAGE WarmLight 2 Day & Night 2 Day & Night 2 Day & Night 2 Day & Question 7.000 Mc Wide Dynamic Range True WDR Digital NR Yes (2D DNR) Backlight Compensation (BLC) Off/On (5 Zone) Gain Control Auto Motine Betarcino Off/On (6 Level) Private Masking Off/On (8 Level) Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warn Light, Switchable Infrared Light VIDEO ANALYTICS Mirco SD Slot, Up to 1TB Alarm 1IN /1 OUT Alarm 1IN /1 OUT Alarm Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting
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Day & Night Ext / Color / B/W Wide Dynamic Range True WDR Digital NR Yes (2D DNR) Backlight Compensation (BLC) Off/On (5 Zone) Gain Control Auto White Balance Auto/Manual Motion Detection Off/On (8 Level) Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Mir 1 IN / 1 OUT Alarm Alarm 1 IN / 1 OUT Audio 1 IN / 1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Wide Dynamic Range True WDR Digital NR Yes (2D DNR) Backlight Compensation (BLC) Off/On (5 Zone) Gain Control Auto White Balance Auto/Manual Motion Detection Off/On (8 Level) Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Mirror SD Slot, Up to 1TB Alarm Alarm 1 IN / 1 OUT Audio 1 IN / 1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Digital NR Yes (2D DNR) Backlight Compensation (BLC) Off/On (5 Zone) Gain Control Auto White Balance Auto/Manual Motion Detection Off/On (8 Level) Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Miror SD Slot, Up to 1TB Alarm 1 IN /1 OUT Audio 1 IN /1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Backlight Compensation (BLC) Off/On (5 Zone) Gain Control Auto White Balance Auto/Manual Motion Detection Off/On (8 Level) Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Micro SD Slot, Up to 1TB Alarm Alarm 1 IN /1 OUT Audio 1 IN /1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Gain Control Auto Gain Control Auto White Balance Auto/Manual Motion Detection Off/On (8 Level) Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Micro SD Slot, Up to 1TB Alarm 1 IN /1 OUT Audio 1 IN /1 OUT Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
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Private Masking Off/On (4 Zone, Rectangle) Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Micro SD Slot, Up to 1TB Alarm Alarm 1 IN /1 OUT Audio 1 IN /1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Flip / Mirror Flip / Rotation Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Micro SD Slot, Up to 1TB Alarm Alarm 1 IN /1 OUT Audio 1 IN /1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Complementary Lighting Types Default Warm Light, Switchable Infrared Light VIDEO ANALYTICS On-Board Storage Micro SD Slot, Up to 1TB Alarm 1 IN /1 OUT Audio 1 IN /1 OUT (RCA) Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
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Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
Hardware Reset Yes Smart Features PID (Intrusion Detection), LCD (Line Cross Detection), SOD (Sound Detection), PD/VD (Human & Vehicle Detection), CC (Cross Counting),
CD (Crowd Density Detection), QD (Queue Length Detection), HM (Heat Map)
NETWORK
Ethernet RJ45(10/100BASE-T)
Protocol IPv4 TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Security IP Address Filter; Complicated Password; Authenticated Username and Password
Streaming Method Unicast/Multicast
User Access Max 7 (Admin+User)
Application Interface ONVIF(Profile S/G/T)
Web Viewer IE8, 9, 10, 11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower
GENERAL
Input Voltage DC 12V / PoE (802.3af)
Power Consumption IR OFF ≤0.5W, IR ON ≤3.5W
Ingress Protection IP67
Operating Temperature -22°~122°F (-30°~50°Celsius) Working Humidity ≤95%RH
Working rounding 525 and Weight 0.7lbs Dimensions 4.93" × 4.21" × 4.54"(126.5mm × 107.99mm × 116.50mm)





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