

AE-VC216I-I Mobile Dome Camera



- High quality imaging with 2MP resolution
- 2.8/4 mm fixed lens
- Clear imaging against strong back light based on 120 dB WDR technology
- Water and dust resistant (IP67) and vandal resistant(IK10)

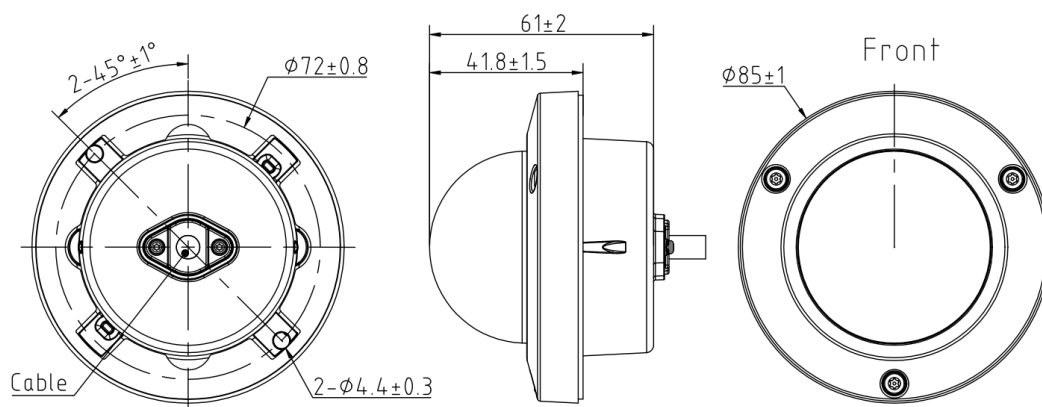
▪ Specification

Camera	
Image Sensor	1/2.8" CMOS Progressive Scan
Min. Illumination	0.002Lux @ (F1.6, AGC ON)
Resolution	2MP
Shutter Speed	1/3 s to 1/100,000 s
P/N	PAL: 25fps NTSC: 30fps
Angle Adjustment	Pan:-30°~+30°, Tilt: 0°~75°, Rotate: 0°~ 360°
White Balance	Support 4 white balance configurations: fluorescent lamp, incandescent lamp, warm lamp and natural light; Support manual/automatic white balance adjustment.
Lens	
Focal Length	2.8mm/4mm
Focal Length & FOV	2.8 mm, horizontal FOV 105°, vertical FOV 56°, diagonal FOV 126° 4 mm, horizontal FOV 87°, vertical FOV 44°, diagonal FOV 104°
Lens Mount	M12
Focus	Manual focus
Max. Aperture	External camera: F1.6 In-vehicle camera: F4.0
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Video Compression	Main stream: H.264, H.265 Sub-stream: H.264, H.265, MJPEG Third stream: H.264, H.265
Video Bit Rate	Main Stream: 256 Kbps to 8192Kbps Sub-Stream: 256 Kbps to 4096Kbps Third Stream: 256 Kbps to 8192Kbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Bit Rate Control	Constant Bit Rate, Variable Bit Rate
Stream Type	Main stream, sub stream, third stream
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region Of Interest (ROI)	Support 1 fixed region for (main/sub) stream
Network	
Protocols	TCP/IP,HTTP,HTTPS,DHCP,DNS,DDNS ,RTSP,SNMP,QOS,FTP,RTCP,NTP,SMTP,IGMP,ICMP,IPV6,UDP,SSL/TLS
Simultaneous Live View	Up to 8 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
User Management	Up to 16 users, 3 levels: Administrator, Operator and User

Web Browser	IE8+, Chrome45+, Edge41+, Firefox45+
Image	
Wide Dynamic Range (WDR)	120 dB
Image Settings	Support rotation mode. Brightness, contrast, saturation and sharpness can be adjusted by browser and client software.
Day/Night Switch	Day/Night/Auto/Schedule
SNR	> 50 dB
Image Enhancement	BLC, HLC, 2DNR ,3DNR
Privacy Mask	Enables configuration, and supports drawing of up to 4 areas
Picture Overlay	Support image overlay, uploading images, enabling, coordinates, etc.
Target Cropping	Support (only the third stream)
Backlight Compensation(BLC)	Support up, down, left, right, center and custom backlight compensation adjustment
Interface	
Video Output	Not supported
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	Not supported
Reset Key	Support
Interface Type	Interpolate
Event	
Basic Event	Motion detection, video tampering alarm
General	
Product Dimension	85 mm × 61 mm (3.3" × 2.4")
Package Dimension	110 mm × 110 mm × 135 mm (4.3" × 4.3" × 5.3")
Power	POE: 0.07~0.11A, max4W DC: 0.33A, max4W
Protection	IP67, IK10
Camera Material	Metal
Product Weight	Approx. 236 g (0.52 lb.)
Startup and Operating Conditions	-30 °C to 75°C (-22 °F to 167°F), humidity 95% or less (non-condensing)
Language	English, French, German, Russian, Italian, Korean, Portuguese, Spanish, Turkish, Polish, Czech
General Function	Anti-flicker, heartbeat, mirror
Software Reset	Support
Power Supply	DC12V& PoE (802.3af, 36 V to 57 V)
Power Interface	Ø 5.5 mm coaxial power plug, DC power supply, or PoE power supply
Cable Length	50 cm
Selection Parameter	
Wi-Fi Support	Not supported
POE Support	PoE (802.3af)
Approval	
Class	Class B
EMC	CE: CE-EMC(EN 55024:2010 +A1:2015,EN 55032:2015,EN 61000-3-2:2014,EN 61000-3-3:2013)
Safety	CE-LVD(EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013)

Environment	CE: CE-RoHS(RoHS Directive 2011/65/EU+2015/863)
Electrical Safety Protection	IK10(IEC 62262:2002)
Automotive and Railway	E-MARK (ECE R10)

▪ Dimension



Unit:mm

Interface Form	Interface Definition	Interface Illustration
RJ45/F	1.IPC_TX+ 2.IPC_TX- 3.IPC_RX+ 4.IDLE4 5.IDLE5 6.IPC_RX- 7.IDLE7 8.IDLE8	
DC/F	Core: IPC_POWER Shell: IPC_GND	

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