

CCTV SOLUTIONS



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AIMECAM IP & Analog MidiDome cameras are specially designed for high resolution video surveillance in or on buses, trains and subway cars. The full metal compact, rugged and discreet cameras have IP65/IK10 -rated protection and can withstand tough conditions such as vibrations, shocks and temperature fluctuations.

AIMECAM MidiDome cams are equipped with the latest CMOS sensor and ISP technology to adapt and respond fast to light and scene changes, ensuring that the highest image quality is always maintained.

FEATURES IP & ANALOG CAMS

- Full Metal Design – made for harsh transport environment. **[IP & ANALOG]**
- Compact footprint **[IP & ANALOG]**
- Excellent performance **[IP & ANALOG]**
- Maximum image transfer rate: 1920 x 1080P / 2048 x 1536 @ (30FPS/25FPS) **[IP]**
- (Ultra) High Resolution Analog Video **[ANALOG]**
- DWDR / TrueWDR **[IP & ANALOG]**
- Enhanced Low-Light (*StarLight*) with digital Day/Night feature **[IP & ANALOG]**
- Automatic Exposure Control (AEC), Automatic Gain Control (AGC), Automatic White Balance (AWB) **[IP & ANALOG]**
- Backlight Compensation (BLC) & Highlight Compensation (HLC) **[IP & ANALOG]**
- Privacy Zone & Motion Detection as optional software features for selected camera models **[IP]**
- Built-in PoE module **[IP]**
- Audio: G.711U (optional) **[IP]**
- ONVIF support (Profile 2.4) **[IP]**



CHARACTERISTICS

IP

ANALOG

Designation	AIMECAM.MD.I-02	AIMECAM.MD.I-03	AIMECAM.MD.I-05	AIMECAM.MD.I-06.1	AIMECAM.MD.A-01	AIMECAM.MD.A-04	AIMECAM.MD.A-03.1	
HOUSING								
Dimensions (Ø x height)	84(H)mm x 117(D)mm							
Weight	appr. 500g							
Housing colour	RAL 9016, other colour on demand							
Housing / dome material	Aluminum / Polycarbonate							
Protection class	IP65 IK10 rating							
CAMERA								
Image sensor	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" CMOS	1/3" CMOS	1/2.8" CMOS	
Total pixels / effective pixels	1920(H) x 1080(V) / 2MP	2592(H) x 1520(V) / 4MP	3096(H) x 2202(V) / 6MP	2048(H) x 1536(V) / 2MP	720(H) x 576(V)	720(H) x 576(V)	1920(H) x 1080(V)	
Aspect ratio TV-Lines	HD - 16:9				4:3 700TVL	4:3 900TVL	4:3 / 16:9 1000TVL / HD	
Focal length	f= 2.8 (standard) 3.6 / 4.3mm (optional)							
MIN. Illumination	0.1Lux	0.05Lux	0.05Lux	0.0005Lux	0.01Lux		0.001Lux	
WDR	D-WDR	WDR	TrueWDR	TrueWDR	DWDR	DWDR	StarLight True WDR	
Day & Night	SW modes: Auto Color Black/White							
Output signal	Ethernet 10/100Mbps				CVBS			
Connection	LAN M12 (Optional RJ45)				AMP (Power) BNC (Video)			
ENVIRONMENT								
Power	DC12V±10% / PoE (IP)							
Operating temperature	-30°C ... 60°C							
Humidity	< 90% RH (non-condensing)							
Approvals	CE, FCC, RoHS, E1, EN 50155, ECE-R118-2							
IMAGE PROCESSING								
Video compression	H.264 Encoder	H.265/H.264 Encoder						
Video streaming	Dual Streaming CBR/VBR							
Resolution	H.264 & MJPEG : 1080p 720p D1 VGA CIF	H.265/H.264 & MJPEG : 2592*1520 2048*1536 1920*1080 704*576 640*360 352*288	H.265/H.264 & MJPEG : 5MP (2592*1944), 4MP (2592*1520), 1080p/720p/D1/VGA/CIF	H.265/H.264 & MJPEG : 2048*1536 1920*1080 704*576 640*360 352*288				
Frame rate	Max. 25fps / 30fps in 1080p 720p D1 VGA CIF				Max. 25fps/30fps in 2048*1536 1080p 720p D1 VGA CIF			
Protocols supported	IPv4 TCP/IP UDP DHCP RTP/RTSP UPnP DDNS SMTP NTP ICMP							
Image settings	Contrast, Brightness, Sharpness, Automatic Exposure Control (AEC), Automatic Gain Control (AGC), Automatic White Balance (AWB), Backlight Compensation (BLC), Highlight Compensation (HLC), Motion Detection, Privacy, Mirror/Flip							