IP CAMERAS (I-SERIES)

AFM-IVA2MP-B

2MP, Compact and Fixed, Ultra low light, Industrial Outdoor Network Bullet Camera

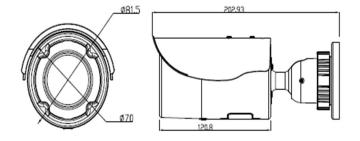|					
Low Lux	IP67	IK07	WDR	Smart IR	IVA

Key Features

- Enhanced H.264 offers optimally useable bandwidth and storage
- Multiple H.264/MJPEG video streams
- Max. 2Mp@30(25)fps resolution
- Superior bright light and ultra-low-light performance
- Build-in megapixel fixed lens
- Built-in smart IR illumination, Effective up to 25 Meters
- Digital WDR for better visibility plus enhanced digital defog and HLC
- Corridor format enabled by video rotation offers a vertical field of view
- IVAs for motion, tampering, borderline and line counting
- Query SD card life expectancy based on proper SD card
- Robust mechanical design of IP67/IK07-rated
- Power input DC12V and PoE
- ONVIF Profile S/G/Q conformant
- Class B of CE/FCC certified

Dimensions

Specifications

MODEL	AFM-IVA2MP-B
Video	
Image Sensor	1 /2.8'' progressive scan CMOS sensor
System	NTSC, PAL
Video Standard	Enhanced H.264 main profile/high profile/baseline profile (MPEG-4 Part 10/AVC), Motion JPEG
Multiple Video Stream	Triple streams, Multiple video profiles support
Advanced Bitrate Control	Controllable bit rate dynamics: CVBR/CBR/VBR ,Advanced quality of service (QoS) Multi-level group of pictures (GOP),Region Of Interest (ROI)
Resolution & Frame Rate	Full HD 1080p, 1.3Mp(1280x960), HDTV 720p to 320x176 at 30/25fps
Lens	Megapixel fixed-focal lens, f2.8mm, F1.8, fixed iris (Optional f4.0mm, F1.6 lens)
FOV	114° (H), 63° (V)
Day & Night	True D&N by automatically removable IR-cut filter (ICR) with modes control Night illumination by 10pcs enhanced IR LED, 850nm, effective distance 25m
Minimum Illumination	Color: 0.06 lux at 50 IRE, F1.8 (approx.) , 0 lux when IR on
Color Contour	Brightness, contrast, hue, saturation, sharpness configurable
Imaging	Individually configurable white balance (2,500~10,000K),auto and manual gain, multi-metering backlight compensation, multi-zone privacy masks, and video orientations
Exposure Control	Auto shutter: max. shutter 1/7.5(6.25)~1/60(50) / min.shutter: 1/120(100)~1/10000, manual shutter, shutter priority, flicker less modes manageable
Corridor Format	Yes
Wide Dynamic Range	Digital WDR
Imaging Enhancement	Digital defog, HLC, 3DNR
Gamma Correction	0.45, 1
S/N Ratio	More than 50dB when AGC off
Network	
Ethernet	IEEE 802.3, 10/100/1000 Base-T/TX, auto sensing, 1 x RJ45
Extra Ethernet Interface	1x mini USB port for real-time image preview
Protocols	ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4/6,NTP, RTSP/RTCP/RTP, QoS, SMTP, SNMP, TCP, TLS/TTLS, UDP, UPnP, 802.1X
Internet Security	IEEE 802.1X network access control, HTTPS encryption, digest authentication, IP filtering
Network Management	Simple network management (SNMP) v1/2c/3, trap/heartbeat support, MIB download
Easy Setup	AFM SDK-based IP Finder, UPnP
Web Surveillance	Full-feature, multi-web browser support: Internet Explorer 10.0, Chrome, Firefox, Mac Safari
Viewing System	Quick time, VLC player
System Integration	
Video Content Analysis	Motion, tampering, intrusion, loitering, line counting, borderline, abandoned, departure, area counting, withdrawn, adverse way
Event Source	Schedule, alarm input, motion/tampering, audio intensity detection, network loss detection
SDK	AFM SDK 2.5
Alliance	ONVIF Profile S/G/Q, test tool 16.01 conformant
Edge Recording	
Local Storage	1 x microSDHC/SDXC slot (card not included)
Event Handling & Recording	Schedule recording, alarm out, E-mail notification , FTP recording, edge SD recording, sound playback , OSD indication

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General	
Unit Configuration	System information overview, camera ID setup, OSD text overlay, date/time sync, software reboot and factory default, remote hardware default On-board camera reset and factory default buttons
User Authentication	Multiple user group, password protected
Profile Management	User configurations import, export
Firmware Update	Web update
Language	English, multi-language customized support
Log Listing	System log listing, export support
Mechanical	
Weather Resistance	IP67 certified
Vandalizing Resistance	IK07 compliant
Casing	Body: Cast aluminum, Bracket, Front cover & Sun shield: PC/ABS,3-axis cable through bracket ,IR-proof double glass, Hook for safety sling
Dimension (DxH)	Ø 81x203mm
Weight	350g(approx.)
Electrical	
Component Standard	Industrial grade
Input Voltage	DC12V, 2-pin terminal block
Power-over-Ethernet	IEEE 802.3at (PoE+), class 3 compliant
Power Consumption	7.5W (max)
Temperature Control	On-board heating device
Surge Protection	EN55024 certified
Environmental	
Operating Condition	-40°C ~ 60°C , Humidity 90% non-condensing
Power-On Temperature	Arctic power-on support at -40°C
Storage Condition	-40°C ~ 60°C , Humidity 90% non-condensing
Edge Recording	
Local Storage	1 x microSDHC/SDXC slot (card not included)
Event Handling & Recording	Schedule recording, alarm out, E-mail notification , FTP recording, edge SD recording, sound playback , OSD indication
Regulatory	
Standards	CE/FCC, Class B certified , RoHS, REACH compliant ,UL/cUL 60950-1 compliant
Third-Party Licensing	H.264/AVC encoder licensed for manufacturing

*   Specifications are subject to change without prior notice

AFM Vision
Your Security is our Vision