

## AFM-IVA2MP-D

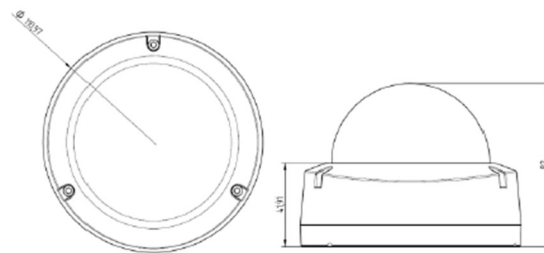
2MP, Compact and Fixed, Ultra low light,  
Industrial Outdoor Network Bullet Camera



### 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-D
<b>Video</b>	
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
<b>Network</b>	
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
<b>System Integration</b>	
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
<b>Edge Recording</b>	
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

# IP CAMERAS ( I-SERIES )

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<b>General</b>	
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	HTTP mode, remote update
Language	English, multi-language customized support
Log Listing	System log listing, export support
<b>Mechanical</b>	
Weather Resistance	IP67 certified
Vandalizing Resistance	IK10 compliant
Casing	Compact and Lightest casing design, Easy for surface and ceiling mounting Fall-prevention safety sling, screws, hook, fixture Cast aluminum, polycarbonate clear bubble 3-axis lens angle adjustment
Dimension (DxH)	Ø110x82mm
Weight	400g(approx.)
<b>Electrical</b>	
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
<b>Environmental</b>	
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
<b>Edge Recording</b>	
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
<b>Regulatory</b>	
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

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