

AFM-IVA12MP-D

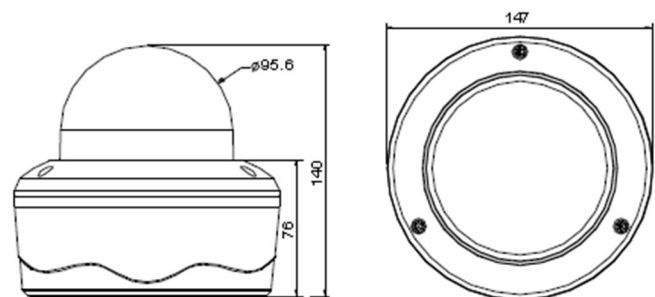
12MP, Ultra HD, P-Iris & Motorized AF,
Industrial Outdoor Network Dome Camera



Key Features

- Enhanced H.264 offers optimally useable bandwidth and storage
- Multiple H.264/MJPEG video streams
- Max. 12Mp@20fps resolution
- Build-in megapixel motorized lens with P-Iris control
- Built-in enhanced IR illumination, Effective up to 25 Meters
- IVAs for motion, tampering, intrusion, loitering, line counting, borderline, abandoned, departure, area counting, withdrawn, and adverse way
- Bi-directional audio communications
- Accessible Edge Storage with Micro SDHC/SDXC (card not included)
- Robust mechanical design of IP67/IK10-rated
- Power input AC24V and PoE+
- ONVIF Profile S/G/Q conformant
- Class B of CE/FCC certified

Dimensions



Specifications

MODEL	AFM-IVA12MP-D
Video	
Image Sensor	1/1.7" 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)
Resolution & Frame Rate	12Mp at 20fps, 8Mp/5Mp/4Mp/3Mp at 30/25fps, Full HD1080P at 60/50fps or 30/25fps, 1.3Mp/HDTV 720p to 320x240 at 30/25fps
Video out	1x composite video out, 1.0 Vp-p, 75 ohms, RCA
Lens	Megapixel motorized lens, f3.6~10mm, F1.5, P-Iris , Motorized remote lens control: zoom (optical 2.8x), focus, autofocus
FOV	Wide: 98°(H) 73°(V) Tele: 48°(H) 35° (V)
Day & Night	True D&N by automatically removable IR-cut filter (ICR) with modes control Night illumination by 22pcs enhanced IR LED, 850nm, effective distance 25m
Minimum Illumination	Shutter speed: 1/30, AGC: 48dB, 50IRE, Exposure: Manual, Color: 0.02 Lux @ F1.5,BW: 0.01 Lux@ F1.5
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
Gamma Correction	0.45, 1
S/N Ratio	More than 50dB when AGC off
Noise Reduction	New generation 3DNR technology
Audio	
Audio Standard	G.711 a/μ-law support Bi-directional audio communications
Input / Output	1 x audio line input, 1 x audio line output, terminal block
Network	
Ethernet	IEEE 802.3, 10/100/1000 Base-T/TX, auto sensing, 1 x RJ45
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	Top view 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	
Sensor Input / Alarm Output	2 x alarm input, 2 x relay output, terminal block, type/dwell time configurable
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	Top view 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 incl)
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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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	IK10 compliant
Casing	3-piece easy installation design ,Surface and in-ceiling mount, Fall-prevention safety sling, screws, hook, fixture Cast aluminum, polycarbonate clear bubble , 3-axis lens angle adjustment
Dimension (DxH)	Ø 147x140mm
Weight	1890g(approx.)
Electrical	
Component Standard	Industrial grade
Input Voltage	AC24V, 2-pin terminal block
Power-over-Ethernet	IEEE 802.3at (PoE+), class 4 compliant
Power Consumption	AC24V 22W , PoE+ 20.5W
Temperature Control	On-board heating device and heating ring
Defog Control	Patented thermal defog dome bubble
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

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