

AFM-IVA3MP-LPRI

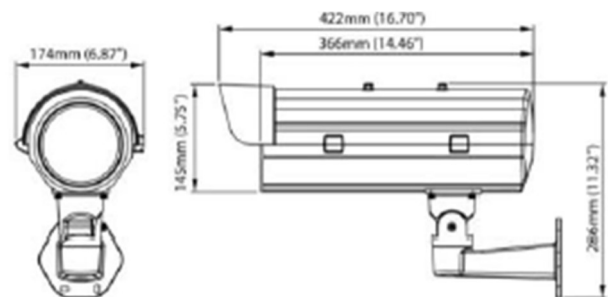
3MP LPR with IR Illuminator



Key Features

- Enhanced H.264 offers optimally useable bandwidth and storage
- Multiple H.264/MJPEG video streams
- Max. 3Mp@30(25)fps resolution
- Superior bright light and ultra-low-light performance
- Capture range up to 100 Meters with a IR illuminator (Optional) for best results
- Suitable for LPR applications up to 180km/h
- Customizable profile configuration
- Intelligent traffic modes
- IVAs for motion, tampering, borderline and line counting
- Built-in heater against extreme temperature from 50 ° C to -40 ° C
- Robust mechanical design of IP66/NEMA 4X/IK10-rate
- ONVIF Profile S/G/Q conformant
- Class B of CE/FCC certified

Dimensions



Specifications

MODEL	AFM-IVA3MP-LPRI
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)
Resolution & Frame Rate	3Mp(2304x1296), Full HD 1080p, 1.3Mp(1280x960), HDTV 720p to 320x176 at 30/25fps
Video out	1x composite video out, 1.0 Vp-p, 75 ohms, RCA
Lens	Megapixel varifocal lens, f8~80mm, F1.6, auto iris, 10X optical zoom External ABF(automatics back focus) control
FOV	TBD
Day & Night	True D&N by automatically removable IR-cut filter (ICR) with modes control
Minimum Illumination	Color: TBD lux at 50 IRE, F1.6 (approx.) BW: TBD lux at 50 IRE, F1.6
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: max. shutter 1/7.5(6.25)~1/60(50) / min. shutter: 1/120(100)~1/10000 Manual: 1/30(25)~1/10000 Shutter-Priority: 7.5(6.25)~1/10000
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
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	
Remote Control	1x RS-485 port, Sync with IR illuminator
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
Sensor Input / Alarm Output	1 x alarm input, 2 x relay output, terminal block, type/dwell time configurable
Intelligent Traffic Mode	4 modes including city surveillance, highway, entry/toll and parking lot
Customizable Profile	4 customizable parameters options to meet various field conditions for best performance on 24/7 application
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 incl)
Event Handling & Recording	Schedule recording, alarm out, E-mail notification , FTP recording, edge SD recording, sound playback , OSD indication

LPR 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	IP66 certified , NEMA 4X
Vandalizing Resistance	IK10 compliant
Casing	Body/Bracket: Cast aluminum Internal cable management 6mm tempered glass cover
Dimension (DxH)	Ø174x422x145mm
Weight	4400g(approx.)
Electrical	
Component Standard	Industrial grade
Input Voltage	AC24V or 90-260V (Optional)
Power Consumption	TBD W (max)
Temperature Control	heater 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
IR ILLUMINATOR (Optional)	
Wavelength	850nm
Beam Pattern	10' – 100''
Max. Range	300m (984ft)
Even Illumination	Externally adjustable by optical diffusion
Power Source	DC12V/AC24V
Power Consumption	55W
Operating Condition	-50°C ~ 60°C
Dimension	233x310X167mm
Weight	5600g(approx.)
Protection	IP68

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